1 White-~~Capped~~ Nuthatch ✓ 21.00
2. San Diego towhee 1.60
3. Anthony Towhee ✓ 1.00
4 Green-tail ~~Towhee~~ ✓ 4.00
5 Yellow Warbler ✓ 3.75
6. ~~Chainofepha~~ .68
7. ~~Chuber~~ Junco ✓ 2.25
8 Say Phoebe ✓ 1.00
9. Wren-tit ✓ 8.00
10. Brewer Sparrow ✓ 3.00
11. ~~Western~~ Wood Pewee ✓ .90
12. ~~California~~ Bush tit. 1.75
13. Verdin ~~2.80~~

List To Kitchin

1. Lecontes Thrasher 5/3/3
next favorite bird

9.75
3.52 Willow Woodpecker 29/2/5
1.00 3.25
8.00 2.00
3.00 1.25 Say Phoebe 23/2/4
25.50 .50
1.65
3.20 4 Wren-tit 13/1/4

5 Brewer Sparrow 42/2/3

6. White-Breast Nuthatch 58/4/7
7. Green-tail Towhee 41/4/4

(3) N. California Creeper
Date: June 22, 1924
Incb: fresh
Local: Tacoma Pierce Co. Wash.
Set Mark 3 W/4/6

Nest: behind loose piece of bark on a 4" dead oak tree. Nest material showed below bark. Lower nest of coarse sticks and bark shreds. Upper part of moss - cup or pocket lined with feathers. Whole nest plastered to trunk. Eggs well protected in pocket. Entrance to the nest from above than a crack in the bark. Bird flushed on hitting tree, then came very close and stayed about. Nest 10' up.
Coll. by: Alden B. Miller for JBB

(4) N. ~~Oregon~~ Shufeldt's Junco
Date: June 22, 1924
Incb: advanced
Local: Tacoma Pierce Co. Wash.
Set. Mark: 4 W/4/4

Nest: Of sticks and grass in a tin can in an old dump. Bird had filled can and then built nest near front.

Nest lined with fine grass and hair. Bird nest in this clump every year in some old rusty tin. (W.H.B.)
Coll. by: Alden H. Miller per J.H.B.

(5)

N. Shufeldtia Junco
Date: June 28, 1924
Incb: fresh
Local: Tacoma, Pierce Co. Wash.
Set Mark 5W/4/5

Nest: On the ground in the woods. Nest flush with the ground and placed under a small spray of dead fir which completely covered the nest. Surrounding ground moss-covered. Nest proper of grass, well cupped and quiet into the sod. Bird flushed within a few feet.
Coll. by: Alden H. Miller per J.H.B.

(6)

N. Traill Flycatcher
Date: July 8, 1924
Incb: Slight
Local: Camp Lewis, Washington
Set. Mark: 6W/4/3

Nest: In the fir woods

among a growth of low willows. Nest in a wild raspberry vine 3½ feet up. Nest in plain sight, made of willow bark, some grass and a few feathers. Not a decorated nest as many here are. Bird always off nest but close by.
Coll. by Aldus K. Miller per JAB.

(7)
11. Streaked Horned Lark
Date: July 5 1927
Incb: Advanced
Local: Stanaway Tacoma Pierce Wash
Set Mark: W7 4/4

Nest: A depression in the ground on the open prairie. Nest near a stone and among young scotch broom 6" high. Nest cup 2½ deep. Nests at this time of year all seem to be in these broom patches. Bowles says that earlier this is not true. These broom patches appear at a distance as patches of green grass 6" tall. The bird flushed at our feet which is not usual. This may have been due to

the heavy wind which caused all birds to stick to cover
Coll. by: Alden H. Miller for JHB

(8)

N. Dwarf Savannah Sparrow
Date: July 5, 1924
Ineb. Advanced
Local: Stanaway, Tacoma, Pierce Co. Wash
Set. Mark W8/4/5

Nest: On the prairie in a patch of dwarf scotch broom. Nest on a sloping knoll covered with broom, built into ground in a tuft of the plant. Nest made of grass (dry) well curled and put together like a finco's. Bird flushed at about 7 ft. and soon returned to chirp and scold.
Coll. by: Alden H. Miller for JHB.

(9)

N. Cedar Waxwing
Date: July 6 1924
Ineb. Fresh
Local: Tacoma, Pierce Co. Wash.
Set. Mark: 9W/4/5

Nest. In an alder bush near the swamp. Willow association dense growth. Nest 7 ft up

Bird sat tight until within 2 ft then flew to nearby bush. This pair hung around and showed considerable solicitude. Nest 4 or 5 ft. Made of sticks, straw etc. well cupped but poorly lined nest rather small. Another nest and pair of bird was located near by in similar location but no eggs were present at this date.

Coll. by: Alden H. Miller for J.W.B.

Noted that while on the nest the bird held the crest down so that it was not at all apparent.

(10)

II. California Creeper
Date July 20 1927
Incb. Compressed - addled
Local. Spanish Lassen Co.
Set. Mark W10/4/4

Nest. In a black oak underneath a large piece of heavy bark on dead limb. Well protected from the elements. Cabin in forest. The bird flew from eggs only when disturbed and not at all readily. (over)

This year set
on [illegible] not but [illegible]
by [illegible] [illegible] one
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]

Coll. [illegible] [illegible] [illegible]

Washington Bird List

1. Pied-bill Grebe
+ 2. Glaucous Wing Gull
+ 3. Pelagic Cormorant
4. Mallard
5. Ruddy Duck
6. Marsh hen
7. Killdeer
8. Spotted Sandpiper
+ 9. California Quail
+ 10. Mountain Quail
+ 11. Sooty Grouse
+ 12. Oregon Ruffed Grouse
13. Band-tailed Pigeon
14. Turkey Vulture
15. Cooper's Hawk
16. Belted Kingfisher
+ 17. Gairdner's Woodpecker
+ 18. Hairy Woodpecker
+ 19. North-western Flicker
20. Rufous Hummingbird
21. Olive-sided Flycatcher
22. Traill's Flycatcher
23. Western Flycatcher
+ 24. Hammond's Flycatcher
+ 25. Streaked Horned Lark
+ 26. Western Crow
+ 27. Steller's Jay
28. Western Meadow Lark
+ 29. North-West Red Wing
30. Brewer Blackbird
31. California Purple Finch

32. Pine Siskin
33. Western Evening Grosbeak
34. Black headed Grosbeak
35. Green-backed Goldfinch
36. Willow Goldfinch
+37. Oregon Vesper Sparrow
+38. Dwarf Savannah Sparrow
39. Nuttall Sparrow
40. Western Chipping Sparrow
+41. Shufeldt's Junco
+42. Oregon Towhee
+43. Rusty Song Sparrow
44. Lazuli Bunting
45. Western Tanager
+46. Purple Martin
47. Pacific Night hawk
48. Cliff Swallow
49. Barn Swallow
50. Tree Swallow
51. N. V. G. Swallow
52. Rough Winged Swallow
53. Cedar Waxwing
54. Cassin's Vireo
55. W. W. Vireo
56. Yellow Warbler
57. Audubon Warbler
58. Black-throated Gray Warbler
59. Hermit Warbler
60. ~~Tol~~ Calaveras Warbler
61. Pacific Yellow-throat
62. Western House Wren
+63. Seattle Wren
+64. California Creeper
65. Red-breasted Nuthatch

+66. Bush-tit
+67. Oregon Chickadee
+68. Chestnut-backed Chickadee
69. Golden-Crowned Kinglet
70. Russet-backed Thrush
71. Western Robin
72. Western Blue bird
July 8. Sparrow Hawk
+74. Oregon Jay
75. Varied Thrush
76. Lincoln Sparrow
77. Water Ouzel
+78. Hepburn Rosy Finch
+79. Tree Sparrow
80. S. Hermit Thrush
81. * Red-shafted Woodpecker
+82. Anthony Vireo
83. Vaux Swift
84. Western Red-tail
85. California Gull
86. Bonaparte's
87. Kennicott Screech Owl

(1)

Camp Lewis Trip

June 13 1924

at 5 P.M. Boat a regular palace and sailed with very little motion. As we left the harbor I noticed some sea birds which appeared to be gullinots. Very few gulls followed the boat which was going 22 knots an hour.

June 14. Awoke about six A.M to see that were close to shore along the Santa Cruz coast. Passed through the Golden Gate about 9 and landed in San Francisco. Went with some other S.C. fellows over to the Presidio Campus. While attempting to find the Outfitter's warehouse and wandered about the Campus we noticed an interesting Aviary. The birds seem to entirely of tropical character. Among the most beautiful birds were several Macaws, parrots, Cockatoos, Cockatiels, Parrots alive - silly! parrots, Cockatoos - etc. It seemed unusually pure to hear the "Mississippi

clipping around among the buffles. Spent the afternoon in looking over the museum bird collection. They certainly have a great assortment of material. However the make up of the skins are poor and do not at all compare with Dickey's collection. Returned to San Francisco. We boat started at 6. P.M. The H.F serves great meals and the service and courtesy of the officials, porters, etc is quite exceptional.

June 15. Spent the day in traveling. We skip Santa Cruz off to sea and the weather cleared up so we could see nothing of Pigeon. The sea was quite rough and seemed much rougher than south of S.F. Saw some large sea birds, but could not identify them. They were large as albatrosses and flew heavily on broad wings. Saw quite at quite a distance. Saw a great many porpoises. The moon set at 8:30 P.M. and the sky remained light till 9:30.

June 10 Early this morning awoke to hear the fog horn blowing. Later looked out the porthole to see that we had entered the sound. The water was like glass and the mist hung over the water. The hills came down to the water well covered with spruce and green deciduous undergrowth. The sound winds around and finally leads to Seattle — a rather dirty yet large and prosperous port. The town is built on the hills, like San Francisco. My friend comes to the edge of the town and is off for parts standing on the wharf.

Left Seattle at eleven and sailed up the sound some 40 miles to Tacoma. Tacoma is a similar city but smaller. The sound here looks like a lake. As I walked up thru the town I heard the first birds of small order. The song sparrow was the first to greet me. We immediately left

(over)

for camp Lewis. The road was well paved and wandered thru the rolling spruce covered hills. The general form resembled like the floor of Lake or of Spokane but of course had no high mountains close surrounding. The camp itself is infinite with contrast although it is really in city of many other units are encamped here. The R.O.T.C. Camp is in a large meadow among the woods. I was assigned to the Lewis Co. with West side of the meadow. After attending to camp duties I roamed after supper to enjoy the long northern twilight. The meadow larks and finches were singing in the meadow and around the barracks. In the log pavilion of the headquarters building was a bifocal night-? suppose question. The light was not strong enough to distinguish the final absolutely but I heard a great

legal. There were many birds and a fair number of species - better contrary to the report of Vera and friends. As I walked toward the point I heard what I took to be chipping sparrows and finally found one close by. The yellow-throat bird was off about the mangroves which did not record - all I could see of it was flat it was some kind of a warbler, the size of a chickadee, yellow underneath, olive above.

Yes

Soon I climbed up the wooded hill then a jungle of green undergrowth - live oak, maple and several unknown shrubs. The pines were very symetrical and tall. Among them I heard an Eupherna and an olive-sided flycatcher. Soon a crow passed over and then the "knock-knocked" thrushes began to sing. I was surprised to hear a fly near the edge of the woods, a grass warbler. I could not see him but he sounded like the yellow-throat. However it was probably a Prairie. Also saw a blued

Pencil from a patch of brush. It was growing dark and I could not see well to see what, and of the bird. However I passed around some and then left. I shall return as soon as possible. Among other things I found a Cooper's Hawk which I believe was Gambeli. The song was lifted from winter birds up P.L. and very much unlike the breeding notes of the species. Not heard Pillated, some woodpecker, Purple finches, Siskins, Vesper Sparrows, Thus with some twenty species in sight within two or three hours before as this things be interesting. Later the Peregrine nightheron came out and feeded morning.

June 14. Weather with cloud overhead, took photo of gran. Then eating and got back to barracks by noon. Rain then came on and so the late afternoon and evening will probably be unrewarded.

June 18th

Went thru the regular routine of work but got some time off to go after the woods. Went into wilder country today. It is all a regular fairyland. Oak flowers, Dogwood, thimbleberries, Blackberries and wild strawberries. Saw and heard plenty of birds. First heard the chickadee, which is quite a little different bird — very like a miniature titmouse with black-capped head.

Next a Trail Flycatcher with tufted nose. Then the Western Tanager — a Redwing, when which sang again after the fashion of the Tanager family. Later saw a pair of Pinsons. They flipped thru the air like big butterflies. They have very light color of both alike but one has black wings and tail. Actually heard the call of a Quail of the

Valley-California type
although Monday I
found a bird that
by sound and sight
appearance should dwell
possibly be one here
together of Lake Head or
Western. Flycatcher in
some dwell fir timber
in a little above north
east of the barracks. Noted
a woodpecker of the
Columbia Tribe possibly but
could make no positive
identification and he was
moving rapidly along.
Spurred Towhee — I again
have Spurred and Rufous
Vireo ~~so~~ were also noted.
The warbler I encountered
Monday I believe is Lutescens.
The pewees are the silky one
I made out been not to see.
Heard first Golden C. Kinglet
in the highest tops singing
with the typical rythmic
[illegible] Mrs Sutter
and myself to watch [illegible]
Sitting [illegible] a few
[illegible] sounds of the
[illegible] appears for
the [illegible] place we

Cliff Swallows around the factories, and tree swallows, flying about and Western Kingbirds can be heard singing in the woods.

June 19 I have been interested in watching the Brush Turkeys here. They have a queer habit of playing around the house like turkeys. Sometimes I see them around the trees and think there are some turkeys, but ~~the~~ turn out to be [illegible]. The quails [illegible] from telephone poles, [illegible] ground and trees. They are very tame and I can easily see that they are much as the [illegible] southern Cal. quail. Their tail looks almost black. The other day [illegible] feet at [illegible] I flushed one pair which in [illegible] that I was sure [illegible] a nest. I returned to the house but could not find them. I have seen several pairs, so that many birds are still nesting and

as soon as I can find some interesting sketching I think I'll first anything. I plan to look up Jack Roberts at and he may be able to get me into something. Yesterday we viewed the shows prettily by regular which was staff officers, military, marks, officine and, country people. Mount the land optimism have not yet received sit range. The 7th group is the 4th, 5th & 6th line. We are in reserve. I have not yet identified this school for lizzie in the meadows. The birds are very blue colored with no distinguishing marks. I shall be able to report some other rarities or else find out what they are from Boyd. My blunderbuss not there after I should. Lizzie eye sees **Rainier** the first time that I have it really felt. It seems grown up, heard of it. The low country and sketching the clouds fill up our

hardly be distinguished from the clouds because of the snow-cap. It is a great sight—more impressive than similar peaks in a chain. Had a nightwork detail today at noon. I did take exercise duty for a week at a time. I hadn't yet had to do guard duty in K.P.

[June 20] I can hardly get used to not having this morning it was clear and the mountains looked like a great solid wall against the sky. It looks to rise right away to the top of the sky. It looks unnatural—like some artificial painting—but it is all too real. We are one degree south and one degree westward of Seattle. Mt. Rainier stands out against the sky like a great pyramid against the background of the sky. It looks as if it might have been placed there

While out in the woods
today on a reconnoitering
party I saw three ruffy
[illegible]. Later while
[illegible] as leading a
patrol I flushed a [illegible]
back of a thicket. I
stopped [illegible] to
see where it [illegible]
hoped to pass it. This
afternoon I [illegible]
[illegible]
the [illegible]
at a long distance and
so I went off to get
her come back. She did
not return so I [illegible]
searched the ground and
finally found it. It is only
a depression near a [illegible]
[illegible]
the surrounding ground. [illegible]
[illegible]
[illegible] I left [illegible].
[illegible]
[illegible]
the [illegible]
and creeping about 2 1/2 ft
from me. [illegible]
[illegible]
[illegible]
[illegible]
the [illegible] this evening.

~~Wampsville Gay Ottawine~~

(7)

was fairly busy otherwise since we had inspection. We are getting well into the camp routine. It is not particularly objectionable and sometimes interesting. When I can hunt birds with while on duty for not objecting. My first impression of significance of individuals and species of birds remaining. Birds are common. I think like to have more time to study ~~each~~ every thing see. The trees are heavy of their different. All of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] time. [illegible] [illegible] [illegible] [illegible] [illegible] got one towel [illegible] today.

21 Spent the morning cleaning the one pounder and stokes mortar. Got off at noon donned "Civvy" and went into Tacoma with one of

the fellows who brought up his machine. Located Mr. Bowlett after but he was not at home. I spent a large part of the afternoon and evening at a fellow named by Sphere. I could conveniently visit the "Woodstock" after. While in the park I heard the nesting or breeding-song of the Red-Eyed Vireo, Cedar Waxwing and Yellow Warbler. That night in the spring the Sandhill Cranes were flying over the city. They seemed to be mating. I have no doubt that a pair of them nest on the flat top of the building as there, north on Jackson St., a pair of them made a lot of noise. Also heard several meadow larkings which I suppose are wintering in the center of town.

22 Got up early in order to catch Jack Bowlett

before he left for the city. I found him at home at 8:30. He was very cordial and took me into his sports. They are some fine the ideal Jordaps with a constant odor of liquor. So to better to find the bad boys. Been on a month, story into the mountains we of course rather afflicted of liquor. We prepared some a lift for the day with bright prospects. Yes. Pitchin out into the woods.

We started about nine we started on the car line for the county. After a half hour skill he came to the city and rely purpose around Pasquin Pond this set forth. The weather was clear and everything fine. So we spent the day here with many incidents, Bad fun and wild for both young and old. The birds sang exceedingly sweet as we passed within sixty yet. The city is getting the support and Bowes safe for

second take merit. The birds are common here and have good shelter so I see no reason why something good can not be made of the place. The hunt till the surface along the edge. First thing off the bat I discovered a great stage in the top of a fir post fir with a cedar shingle sitting upon it! — Big! Big! Guess and left glad to find it as I have always wanted to see these birds at home and know their nest and eggs. The nest contained five nice eggs. (for other description see later). The bird, quite unsuspecting, never flushed off the eggs, fully they should be so tame, I did flush them out of the nest, I confess I did it as I didn't care what happened around the nest. A little later I again found a nice set of the yellow breed which I collected being my

first personally excited. ~~at~~ We gained several ~~at~~ ounces of some other bird and two of the beautiful Baltimore Orioles looking for hollow apple trees, ~~[illegible]~~ ~~[illegible]~~ & Bonfire left first dropping out of sight hanging up in the alder for the birds to pick and shovel them out. This set us to thinking. The nest was full of wild cherry bark, & fluttering flying right. The bird could be seen sitting. The rest were all fairly deep and well constructed. Mr Mitchell & Parsons are down meeting to pick berries. We left the swamp and went back into the woods around very birds were Red Eyed, Black & White, Creeper, Nuthatch, Chickadee, Cowbird, Downy etc. I have made up a list of birds observed in Wood, so far again I shall include today. Some species are not complete, although I learned much from Barrows, but what [illegible] more.

(12)

Bird List
Camp Lewis - Tacoma Vicinity
June 10 —

x Cormorant,
Gull,
Killdeer
x Quail, Calif.
x Grouse, Sooty
Pacific Nighthawk
Flycatcher, Olive sided
+ Flycatcher, Hammond
x Horned Lark, Streaked
x Crow, Western
Purple Finch, California
Pine Siskin
Goldfinch, greenbacked
x Sparrow, Oregon Vesper sparrow
x Sparrow, English
Chipping Sparrow, Western
x [illegible]
x Violet-green Swallow, Northern
x Warbler, Tolmie
Thrush, Russet-backed
Western Robin
22 Bluebird, Western
Meadowlark, Western
Pigeon, Band-tailed
Quail, Plumed
+ [illegible], garden
Traill Flycatcher
[illegible]
[illegible] Sparrow
[illegible]
12 [illegible] Hermit

+ Bushtit, Pacific
Pacific Nighthawk
+ [illegible]
Willow Goldfinch
Tree Swallow
+ Song Sparrow, ~~[illegible]~~
Pine Siskin
Western Tanager
Red-breasted Nuthatch
~~[illegible]~~
Turkey Vulture
Evening Grosbeak (heard only)
Yellow (Northern) Oriole
Barn Swallows
Fox Sparrow, "Slate-fronted"
+ Calif. Quail
Cooper's Hawk
Wood Duck
Mallard
Ruddy Duck
Brewer's Blackbird
M.d. Red-winged Blackbird
Cassin's Vireo
Nuttall's Sparrow
Rufous Hummingbird
Pacific Slope Flycatcher

The painting in the
goods is fairly good. We
looked at Hollywood
together with which
we purchased without
fear and also
special Books of Views.
Prices were high for
the in the
King-needed Museum.
Finally Bowls located
a Beehive nest built in
a dead oak under
a piece of bark about
half of the
nest was big and
built with blown into
the process. The bottom
of the stones. Finally
the nest with eight
eggs was collected.
Part is a beauty well
stuffed and stuff with
nuts. For days there
are two or three gray
squirrels that
ambled into the yard
among the nuts we
specialized also from
a Finch's nest
with 1 in egg. This is
stuffed into. The nest
was placed inside of a

the can. Bowles has collected a set from Chas Gray in the Fire can Cap for special prize. Bowles seems to have things pretty well planned out. He knows every pair of birds in this school. Finally there was a great yell and satisfied and we returned about 4:30. I found that my mulberry sparrow and the Oregon Junco of Gray. It is very difficult from that of White crowned sparrows the relative size of the similarity. The birds were very common here and also Oregon Jay. advanced I expect to find several things. I sent the nests off by Excel but will have to manage the eggs in camp. Bowles offered me five and taken there to be nice fellow. I shall come in next week and if possible I'd not exist if Bowles. They are the same as home

and if unless the
Bronx & be exceptional
I schedule not take them.
The formal paper ought to
be ready ~~too~~ soon.

June 23

Had large of painting
today and had to stay
in. The job is not hard
but I have to stay in
barracks all day. I
therefore have a chance
to write some delayed
notes and letters. I
found out from Bowles
that ~~other~~ shooting is
not allowed in Vienna
City or Game reserve and
I don't know much about camp
area. The game reserve
covers nearly all the
nearby country. Therefore
I am afraid I won't do
much collecting of skins.
I may want to stay
only a few days after
Cap'n Engels gets me
a little of the country
Cg season will of course
be over then. The camp
is over the 23th and my boat
sails the 29th. This will give
me, probably sufficient time

June 24

Went thru with regular drill schedule. Weather seems to never be able to clear. It doesn't rain but clouds up and clears off and on. This week we are shooting on the range.

In the afternoon went and looked over the Bluebirds nest and found the eggs spilled. It was a big set but was too hard set to mess with. Also went to the Lonely Lake nest which was destroyed. I didn't know, yet could have defended all was gone and nest upset.

Later went thru woods and saw a flock of young grosbeak. Two fine adult birds the size of a robin with black bib above the light gray. Two unexplained bands been between the bands but will get rid of them. I started the chick call and up the

bobbed 10' in front of me. She came straight toward strutting and clucking with tail spread. She advanced to my feet. I could see the bare patches on the side of her neck. The bird seemed very small and rufous brown on the back so might have been an Oregon Ruffed — I suppose though that they were Sharp-tailed. After I had stared up I swung the flow to a pit stand straight up. Then the began to cluck much like the female grouse heard in June.

I could not make her move from the tree by noise so threw rocks to make her flush. I hit the first or first but the bird never flinched more for tail but she wouldn't move. If I had hurried I hit her head. Though I would have had a shot. Finally the flow fell upon the tree of the other accord.

Spent the evening at the club room playing cards.

June 25 Went to the range this morning. Didn't have a chance to fire myself. Got afternoon off as per federal and went out into the woods to Mrs Egg's. Managed very well. Found a place for a wild patch of timber and underbrush and built a shed of bark and rotten logs. I have a cut with my cutting iron that I feared for bein. With a little sewing I shan all right with a first and 2 of after. The Wyoming boys did well in spots but some worse than others. The Iowas were also fairly well in so. but the Illinois and Ohio were as fresh as butter. Spent the whole afternoon in my "outdoor gallery" and got back just in time for a good supper.

June 26. Spent the day on the range in the usual target practice. We are keeping fairly accurate with our fire but also are able to set the grass burning at least once a day. Am not able to do much in the afternoon since there are guns to clean and nothing to do.

June 27 Same routine as the last save yesterday for the taking up & the shooting of the Batchen mortar. Had a pretty fair entertainment at the show in the evening.

June 28 Served my first N.G. Pass today which of course had to fall on a Saturday. Believe the work is not bad. I don't want to make another I have to remember.

29 Got to the [illegible] went to Grand River for near not Rainier but of

since they were going to stay there only 1/2 hours I did not go. Jack Bowler says it is nothing more than any of our California caves.

I left early for town and arrived at Bowles' at 8.30 a.m. We went out into the woods near Stanaway Lake. The country is rough also yet it is all beautiful. Just seems like everything is there. In all the fack-gaps in the town instead of being covered with clay weeds they are filled strongly and overgrown with Rose fruit. The more I see of this country the more it seems like high mountain, flattened out.

Hugo and Stanfield and I drove up the Lake Pass for 2 5 took a nice set of Stalactites. Hugo knocks different stage from the others off. The rest was a "bust" and I was able to save it well. Here

were many birds about:— Kennit Warbler, Audubon Warbler, Knight's, and Colorado Warbler were all singing. The Warblers were probably all there but the knights might have been hunting. The Western Flycatchers were as thick as ever in fact about the woods but we could locate no nests. I never have seen the birds more common. Heard Lazuli Bunting for the first time. We passed three miles up Canyon but saw no birds.— found several Cuckoo nests hastily built, doubtless they probably will never be completed.

At two o'clock we went into town & took over Rowley's collection. Seems to me his collection is about ideal. One of the finest representations of species — well displayed — photographs or sketches of nest with 75% of the nests — everything well labelled —

all sets and yet
their and showing
widest range of variation
within a given sets.
Also he has many
arrangement sets upon white.
The almost bare for
skeletons of sets have been
the figure by certain
spent the upper of
species and specially the
range of variation in
specific characters from
Throughout the arrangement
is good and artistic.
The only other collection
of comparable size is of
~~Dawson~~ Dawson that I have
seen is Dawson's which
is of course arrangement
of Dutch made and
from the collections of
Dawson Brothers.
Dawson's collection is not
nearly as easy of access
and does not show in
concentrated form the things
that Bowles shows. Bowles'
collection is in many
ways more instructive
and valuable for a bird than is Dawson.
Whenever you wish to see

Dangerous egg - Dawson is the only one can show it off - you and he must be afraid everything else it is poorly fabled.

Mattered to camp in time for supper then walked cattles all evening.

The weather has been clear and fine for the past few days and warmer so far (evening) stood out playing for the month long & lot and may be today getting ready for the [illegible]

Today when I got up the thermometer hung on the window I got about four Canadian dimes I find that they are used rather freely here and no one refuses to accept.

30 Weather is still hot and the grass in the open places is turning dry. The woods are as green as ever. Again lit fired on

the 37 rpm gauge making fair targets.

July 1 Still hot. I don't believe the temperature is at all high but the air seems damp. Also it seems hot in contrast with the glorious cold weather. Slept with pajamas, sheet and army blanket even now. Made a "double" on the range today, 10 hits out of 10 fired. Saw several rabbits, one very big & large snake.

Have noted gray squirrels, porcupines, spruce grouse & chipmunks in the mountains.

I learned Sunday that the grouse I saw with the young was an Oregon Ruffed Grouse. He says that the rufous color I noted on the back was typical of Ruffed specially the Oregon bird. Also the ruff about the neck was characteristic. The Sooty grouse would not have come at me in the way this bird did.

I forgot to mention that Sunday we found the old nest of a Scott Oriole, that Bowles had first found. The egg shells were present. Nest was situated under a mass of brush and chicken wire in the woods. The nest hung only a shallow hollow in the moss of the ground.

D

Wed July 2

Went over to American Lake to my first [illegible]. The [illegible] [illegible] [illegible] and the beginning point. By [illegible] I came back. They [illegible] woods [illegible] up a [illegible] from a [illegible]. The girls were [illegible] [illegible] about the same as [illegible] before. So [illegible] [illegible] Mistakes as well as [illegible] [illegible] and [illegible]. They [illegible] behind [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] about to [illegible] the [illegible].

July 3 I [illegible] the [illegible] [illegible]. Picked up the set of [illegible] as I left. [illegible] [illegible] about [illegible] [illegible] [illegible] [illegible] out. However since he had given me a key

spend myself at home.

July 9 — got up late and went out [illegible] Spain's to look for a [illegible] [illegible] much [illegible]. [illegible] at a [illegible] [illegible] returned to [illegible] [illegible] [illegible] the [illegible].

In the evening we [illegible] [illegible] [illegible] [illegible] not [illegible] to it if not [illegible]able with [illegible]. [illegible] independent [illegible] [illegible] [illegible] [illegible] [illegible].

July 10 — [illegible] of the morning at home. [illegible] with [illegible] not [illegible] much [illegible] Together we decided to go [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

⑤

[illegible] legs the wing of
[illegible] [illegible] [illegible] [illegible]
of the species. [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] the [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]. [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] the [illegible]
[illegible].

learned that there are
two species of [illegible]
[illegible] [illegible] with the
[illegible] [illegible] the [illegible]
to the [illegible] which
a subspecies of the
California [illegible]. The other
[illegible] [illegible] like
the [illegible] [illegible] and
here [illegible] [illegible] the [illegible]
[illegible] [illegible] the
other [illegible] [illegible] with
[illegible].

[illegible] I concluded
a [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible].
[illegible] [illegible] [illegible]
[illegible] [illegible] to
[illegible] [illegible] [illegible]
[illegible].

Have been [illegible]

of the [illegible] side and [illegible] of the state with [illegible]. Contrarily, it would be [illegible] to it with [illegible] but without [illegible] and [illegible] of [illegible], it would [illegible] the state line of [illegible] and [illegible]. The east side would become the most interesting. For example the [illegible] to visit, has brought and [illegible] and [illegible] in the [illegible] it. The people [illegible] and the [illegible].

Transportation [illegible] is not [illegible] would be required to [illegible] the country. It [illegible] would not be very profitable since one can not reach the high country except by [illegible]. However one can not hope to see [illegible] the [illegible] a month

[illegible] only two days
[illegible] each week.

July [illegible] Went out with the
[illegible] fishing & [illegible]
(the [illegible] family)
[illegible] [illegible]
trout [illegible]. The fish
[illegible] [illegible] [illegible]
[illegible] [illegible]. found
another [illegible]
[illegible] [illegible].
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]. [illegible] another
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible].
[Tip. [illegible] [illegible] [illegible]
and returned to camp.]

July 7 [illegible] some [illegible]
[illegible] [illegible] & [illegible]
[illegible] quarter — and
wrote letters.

[illegible]

While near the swamp
Sunday we saw a great
many ruddy Ducks. Also
the nest last year I believe
they are still nesting for
they act the same as the
males at Buena Vista.
Saw a Spotted Sandpiper along
the slough. The bird must

have had young, again
think of this country
as California unoccupied
flattened out.

July 8. Acted as room orderly again today so didn't get out on detail range. They gave us orderly because I had to give bath anyway and no one could leave the range desk. The job is somewhat easier.

Washed clothing today and cleaned up for a coming inspection.

July 9. Went out for a hike this evening into a new section of woods across the prairie - meadows the camp is in.

The woods were very much the same as other - possibly extra tall timber. There was a great abundance of raspberries. The berries were large ripe and numerous and I ate until I feel enough and left enough berries for a bunch of others.

There were a lot of many poisonous snakes about but fortunately I saw none.

While sitting here I heard a great commotion among the crows and the cackle of a hawk. The crows were evidently mobbing it. I kept still and they gave a cooper hawk fright and later a Douglas Squirrel note. The old hawk came straight for the pond heading for heavy woods with a gang of crows in attendance. I was concealed but the hawk evidently found nothing left. He by and by flew ~~the~~ the crows made a terrible racket. I had got winded for a slight exertion the day before and it must have been a long walk at first so it cost me breath well by found. He did unfortunately a female cooper in left down gun. Luggage

I was to Stillwater stately darking day by after the fourth flew.

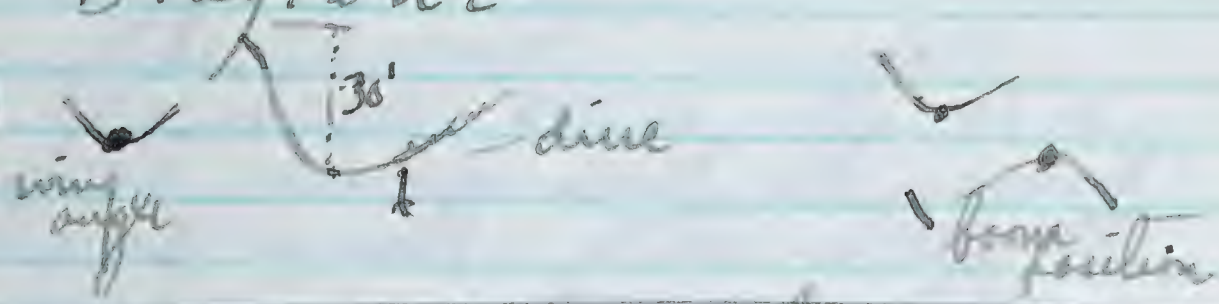
also heard a grouse booming in the same woods.

Went out on a prairie on the other side. There were many crows, plover, upland sparrows, and horned larks.

The crows must have gone. The plover were flying along as dusk came on.

Went back to the prairie about camp and watched the night hawks. There were literally dozens of birds booming about. Followed out on a bare rocky spot and proved up that at the first flight one bird immediately dove down at me and I thought it would come out of it, veered about 10 ft from and made up from. The wings were held up at an angle as equal wedge. This bird was ~~[illegible]~~ flying out the plunge and turn.

Diagram



I wound my hat again and the bird dove exactly as before but turned the wing down at the turn and the booming sound was produced.

This turning of the wing must cause the boom as the bird repeated the ~~shut~~ close & rise many times. The wings seem to be full ~~stiff~~ stretched on the plunge the only turned down and raised for the boom. Evidently the bird can readily check the dive with the tail and not boom. The boom apparently does not check the flight greatly as the bird keeps to plane on ~~[illegible]~~ at any even rate of speed. The boom is thus evidently made by the wing and signify for the ~~[illegible]~~, also it could be avoid by the gentle ~~[illegible]~~ of the bird the louder

the sound. I saw one boom on a 12 or 15 foot plunge but the sound was weak. Other way the plunge must have been little short of 100 ft. However while feeding along the figure was finally for 50 ft. The angle of the fetus always to the right 10° with the horns. The tail is always feeble and and the pectoral 70° degrees for is of the angle of the bill. The bill seem to be about 1½ ft from the ground altho it may be more as when feeding or possibly lower.

This bull feeding was meeting here I shall try to get him by daylight sometime. Nevertheless there was another bull hanging close out but it soon moved off. Finally I left quietly. Afterwards the bull came out the second time of and were feeding the best bull, but when I came along feeding the go like a porpoise

with 30 ft boring
dive all high up power
coming down lower.
Approaching the birds
on the nesting spot
they spun off to a
left or down. After
carefully drop a
disappointed dive the
birds would pitch the
call note perceptibly.

He was still at
dinner 20 yds when
week while the mating
note is strong. It is
a perplexing problem
in the boom that carries
farther. The boom has
resonance. The note is
sharp but shut in. Heard
at a distance one hears only
booms and no note.

I stood on the flying
from 7.30 to 8.30 until
my neck was sore watching
watching the bird. Very
active I one could for
a supply continuous
booming.

I hope later to find
a nest and see for

sure for the birds
are right at the nest.
I guess like to days
of the young are born.
The birds I know
boom a great deal around
and over Bowles roof
west as they have probably years before.

July 9 Went out today to help on the pistol
practice altho I don't
see give automatic colts
the most in a magazine
the fire pretty well
you can fire them.
The trouble is we
have only one day practice
having never fired before
then one day to qualify.

July 10 I get shooting
pistol today and
caught on fairly well
I fell down
on the manual of arms
with me but more
time to get a little more
used to the gun.
Pulling the trigger with
steady squeeze is hard

the game and it takes a hustle to survive.

July 4 Made my marksman today at 1 pt as per as my computations go. I'm the official scorer for the records I'll send in for my badge.

I did four in slow fire but better on rapid fire and quick fire. I guess I have to do it fast or not at all.

Am going on the Rainier trip tomorrow at 8.00 after this day trip to the Rainier country. I don't know how much I'll be able to be woman army transportation and in 3 months camp but I'm getting a pretty good cough. Of course we will only go to the base of the mountain and return out of the National Park.

H 3 Co R.O.T.C.
Camp Lewis

July 11

Dear Dad,

Altho I sent my notes only a few days ago I want to get rid of these as I can't send them later all in one letter.

I thought the lighthouse observations might be of special interest.

Please save them and forward as usual.

I am looking forward to the hiking trip with great expectations

With lots of love

Alden

July 12

Left Camp Lewis at 7 o'clock in the morning on an army convoy bound for Mt. Rainier Park. There was a great string of trucks which were frequently stopping. The trip was dusty and we did not arrive in the park until 2 P.M.

Nevertheless all disagreeable features of the first part of our trip were disposed with -

The 75 miles from Lewis to the park was through forest. First the country was level then we crossed several large river valleys and finally began to wind thru the foothills at the last we took us more like foothills on Cal than like the country around Lake Tahoe.

The weather was very smoky due to the

many forest fires. But we could see that the timber was getting heavier and the mountains higher. I missed the ~~high~~ rugged peaks. All the mountains at last those that are wooded are rounded off.

We finally camped at Longmire Meadow in the valley below Nisqually Glacier and Paradise Valley. — Elev. 2150. This was high up in the mountains. And I saw Lincoln Sparrow a bird usually of Canadian Zone — 7500 ft in the Sierras. Another newer thing however was the Song Sparrow singing along side the Lincoln Sparrow.

Several of us started off at a quarter of 8 A.M. for the Nisqually Glacier (4 mi.). I of course could not keep the crowd but saw as much as I could.

The trees here are also of fir — one I could not tell whether that or

wide only at 3000 ft
when higher the boy
wider and more well of
the glacier
The forest was largely
hemlock which I saw
for different species the leaves
are different. The cones
hang off the ground
the tops do not point
over like the western hemlock
yet the tree is slender
and somewhat similar
in form. Among the
hemlocks are Douglas
fir, white fir
cedar (not Lawson), yew
and mountain pine!
The flowers of the forest
is lacking for the
most part the trees
and moss supply and
green an effect
Ferns everything seem
to grow the bare
boulders of moraine are
fledging with
masses of moss. The
alders are fallen life and
different under
The trail to the glacier

Slowly thru dense woods occasionally coming out to the river which is gray with gray silt. Both the glacier & the rivers seem to be the same. Only small brooks are clear. While travelling thru the woods I heard for the first time the bobolink song & the varied thrush & quite several of the birds. We long miss of course the fluted song of the wood thrush & indeed it is difficult to imagine effects of this sort through the quality of its song. The song of the birds, I mean the approach very much like robins but more musical quite & sweet.

We had to stop to the mouth of the glacier and broke off pieces of ice. The front of the glacier rose some 50 ft

straight up the
Squitl fork and at
200 ft deep pocket
for all I could guess.
Of course, at a distance
the whole thing looks
like a mud flat
because of the dirt
covering. There were
many boulders perched
on top and a fine
moraine along the
side. The river comes
spouting out from under
the ice.

We returned in a
hurry to camp to get
in on the end of the
"chop" fire. While on
the hike I heard a
grizzly & some sort
that had fine grizzly
dug and if some had
eyes stumped. I would
like to take more time
to hunt it down.

The mountain closed
by evening and we
spent the rest of the
Kerrick formed fr

the valley walls
of the cliff wooded
badly. The mountains
were only about 2 miles
out from away.
The Sunrise came
out along left a
few mosquitos and
the mosquitos in general
bright in the left left.
Afterwards left with the
silver light on the
forest - the mountain
and the meadow
with the brook.
We turned in early
since we were to
rise and go fishing
at 3.30 a.m. We left
normally or so stat-
ing except for
one interruption by a
bear left which wandered
around the camp and
snuffed on the tent
rope.

July 13

Morning came with
a bang and the weather
was fair and clear.
The mountain was out.
We have trying to tell
about - at least 3 em

Do it successfully.
While starting to eat my breakfast I dropped the butter off of my plate. Suddenly an Oregon Jay hopped down and proceeded to eat it. I saw some boys over. They are a gay blue and they also have a piece of black upon blue. The light effect of jay and the dark effect which seems sort of split in two. The bird goes in four phases but nevertheless interesting. Soon several birds came around and I had a time finding them. They were very quiet but very bold. The note sounds very musical like more like music than jay. But they have a loud clear spirited voice. The only other note I heard was like certain Rangers' notes of dissatisfaction. I heard one sing or a clear warbling

Continued

Cont From (1)

(8)

Camp in a grove with quality of the water. Appears for it was spoiled by the effect of the fire last fall. The trail climbed thru the woods crossing the river. We were lifted for Lundin valley elev. 5500 ft. We passed proposed celebrated falls which are pretty but rather insignificant compared with Yosemite. Soon we came to the Meadow country near Tuolumne and arriving at Vandine Inn 5½ miles from camp at 1 o'clock

I made an effort to climb the crest and succeeded. I tramped around thru the meadow and the heather covered hillsides. Many birds were heard but in fact the birds generally disappeared about noon. Saw Sierra grouse, purple finch, Cassin's bellbird and best of all Hepburn

Lemontie, Certainly
this is Alpine zone.
Frozen hardness of
sleighed the snowfields
and glaciers along
with the other birds
were robins, varied thrushes
hermit thrushes and
Sabiine's.

While walking by
a snow bank I heard
the familiar whistle
~~that~~ turtle and soon
saw several birds drop
down on the bank just
ahead. The birds were
getting some food
I walked to within 15 ft
of them. We lay about
five like English sparrows.
I could see their eyes
and with my glass could
see every feather. As I
looked over the bank
I spy another bird
walking about and
thought at first it was
another Lemontie
but it turned out to be
a fox sparrow. The sparrow
came close and it
seemed to have a very
gray head and light

bill. I will be of
the subject later.
I sat for many an
hour watching the birds.
The work of the many
little blackbirds - not
sparrows, but were
birds full grown and
very well plumaged
adults. Each of the
birds seemed to have
a white band around the base
of the bill. While watching
some young birds at
15 ft distance through the glass I
saw it fall to some-
thing, evidently the common
food, then it would drop
it. ~~The birds~~ I could
see the bird on the snow
and so figured the
bird out and found
the object to be a bird
from the feeder. The
crow bar was beyond
of some trees and the
barges were covered
with snow. I could see
no insects on the snow
and I believe they were
feeding on seed fertility.

up lifing feature that by the first would fly into the trees and perch. Then return when things quieted down. The robins seem exactly the same as the eastern birds. I again heard the song sparrow from a treetop.

Then ~~to~~ the sun I went up a couple of miles into the Paradise Glacier and the mountain hedge + no other birds but Canada jays.

Saw a big fat woodchuck waddling out of the snow. He would sit a ways upside that on the snow and roll around. He was very fat and white-necked.

Blue robins and fired a lamp. I was quite surprised to find they have a very different and much weaker chirp. He goes thru all the motions but doesn't produce the results.

I thought I first heard that it was a family of young woodchucks

I thought maybe this ~~[illegible]~~ boy a sore throat but others say the same.

While up in the meadow I heard a very funny sound something like a rock wren and yet it was different from anything I have ever heard. The sound of bubbling along with not quite coarse. The station prevented me from hearing clearly ~~[illegible]~~ and I could not hear it again. Suddenly I went down to the stream and there was a crash and thing about. I believe it was this bird singing could be no other bird sings and it I believe it was the same. It could not be certainly it was interesting and I would have liked to hear it again. I walked the entire ~~[illegible]~~ for a long time but it seemed not sing more but I spent the long afternoon.

From the ridge ~~to~~ where I hiked I could see Mt Adams and Rainier 12000 ft peaks. Opposite Rainier was a long ridge of snowy jagged ridges like those left in the Sierras. The country is sure wonderful. Enormous hemlock trees, snowed ridges, streams all at 5000 ft. on an auto road. Lots of birds and flowers. We went over considerable marsh country and among the pasture and fed Justin & Fay & King's Ft arrangement have made. Boys got to speak the spirit of the day. They learned to stay up close to Tuesday night.

At 11:30 we left for camp as we left at 1 for Tacoma at 2 P.M. Our return trip was necessarily hurried and we passed thru the same country. I can not tell ~~[illegible]~~

half of all the wonder but surely it is worthy of being a National Park.

Our return trip was long and dusty but that may well be forgotten.

Of the biologic life there I can not quite understand it. If you have never visited the higher mountains you really some better things sleep in. I can not really write any attempt of what I got there from my short sightseeing tour.

All I find is I want to go back and see more. I got an awful kick out of what I saw but it left me feel a sort of sufficing longing and I better than ever.

June 14 I felt kind of stiff today as we hiked a total of 23 miles in 24 hours with 6 hours

sleep.

This week I am top sergeant of my rifle squad. I spent the day today in usual drill and writing notes.

The weather cleared up today and we had quite a rain.

Tue July 15

Had a field day today with short rolls without bullets. I didn't get up on the line because of being put off about the middle of the morning the band played the war and we retired to camp.

During the afternoon the rain continued and we were confined to quarters.

Wed. July 16

A. M. We went out inspecting stock yesterday. Cleaned up a lot of land in the afternoon building the Pettingill hoffs. While walking thru the grass we flushed a rabbit & what a shout we caught it and left it for some time & then as small

smaller than a jack rabbit and looked like a pale little gray head, big ears, short legs and the body and tail like and the body and tail ~~were~~ constantly moving.

Later we scared up a small rabbit size of a cottontail but of a thick red-brown color noticing no white in the tail.

In the afternoon went in town to look over the things on the Spanish Prairie.

I found the nightcloth gone and as I did not want to be stuffed from the mouth of the hollow or the hollow where the stuffed tiger.

Well I guess of the pond fish is known? next.

I guess the season is about over.

The wind was blowing and the rain seemed still to be in the air.

17 We were scheduled today for a fine starting in the morning and lasting 2 days. We were delayed getting till noon. The fine only lasted 20 minutes and then we made pretty near American time. My turn came for fours so I stood until 3 in order to get rid of coffee and to warm us up. It blew again in the night but got through to go thru the performance.

Late I was up several hours of the night, it was time well spent as we had Bowles, Coffin, Bennett, Sewell, Gould, Lewis and myself.

18 We left the ship half-way between Victoria and the Straits of Juan de Fuca and spent a pleasant evening.

The guard played in camp and attended with the detachment of R. G. M.

14 Monday June 14th
Lieutenant Colonel Hoffman
left for the afternoon
train in Troy and
arrived safely Friday
afternoon.
I finished reading
the life of Stephen A.
Douglas in the evening
Gorman is to put Thomas
Bailey in certain places
yet I cannot find
Short Westington for
Sparrow, Campbell's
Dog Spite.
The books are beautiful
Gorman the pioneers
Bryant's Mexican
California. The entry
is however marked
correct and a check
set against the
receipt. Received
no credit for it.
21 Wrote out the
late A.M. Bible

Yesterday the first
again to the Spanish
Spring and found the
horned lizard still
living, but in poor condition.
We passed by the
Nightmare Canyon and
Gloss mountain and finally
~~and~~ struck the
trail at 12 M. We
searched carefully the
exact spot the lizard
disappeared for the female
but could not find it.
Perhaps the male dragged
back in an and
again he should
have run off the offer
place. The trip of
three days about
cattle, and I find from
Lots, we found
several rattlesnakes
on the left of the
road. Later we found
an old rattlesnake
with the orange brown
belly. Also found on
the right road, off
of Doolin we saw
an old. Thunder

logs well built but dilapidated contained four adults who can hardly be spared. The daughter with a little change for lunch and tea at a spring offered a strong contrast. Opposite the house stood a large old frame house of two stories in the middle of the clearing.

The country between Otsego and Allegan was very hilly and interspersed with prairie, wood and openings while in a few places willow and bush were encountered in great quantities. Apple blossoms in spots had a good opportunity for comparison. The lilac bushes in dooryards, tall and large and white, the blossoms in good order, offered a pretty sight. The orchards of peach

the whole bird
stuffed and roasted.
The Oregon chickadee
note is practically
the same as those
perhaps than the
California bird. The
chestnut, however, is very
much like a titmouse.
I heard the Pygmy
chip once and then
got him well started
by whistling imitations
of his call. Finally the
little fellow came out
with a few perfect
imitations of his call and
then a flutter and
a little of a little which
seemed like a
general song.
I did not hear the
"Chestnuts" song.
Which reminds
Chickadee we discovered
our anthony's ~~not~~ Vireo.
I gave the Pygmy note
and he came a-flying
It really seemed like
it was a game bird
than fighter.
Some I started a

Bryan and yth
Jeff brought the usual
flock of small birds
from his fields, Bluebirds,
Chickadees, Wren, Buffle,
etc. The birds were
much excited and
came near. The Bryans
are here only in winter
however.

We left the nest
and took the cow
line after a long but
interesting walk. The
day had cleared, the
Jeffers had left and
the organism stood
out clear and white
above the green
incensed for forest.

Spent the evening
with Bowles and home
out & sang late.

After the 29th
Bowles & I spent first
hours and with found
a layer in collection
one on Bryan another
at Jeffries and
another pushing out
the first eggs of
the Jeffries be very

but not too busy for comfort.

21 With some spirit I am then packing away the day in final packing exhausting and turning in once for the last time. It could be home camp forever.

22. Wed. F.T. today. In the afternoon provided clothing preparatory to leaving. Updating dig-out. The last night. We actually get out tomorrow morning!

July 24

I spent the day in cleaning up and generally packing and arranging material to send home. The weather is smoky but otherwise pleasant.

July 25. Went over at noon to Seattle to see D. C. Brown and his skin collection. He uses in the Customs office store in town. He is a very pleasant fellow, fleshy and rather quiet but capable of saying something when he wants.

We spent a pleasant evening in company with Mr. and Mrs. Brown. They live out near the Univ., a large body of fresh water connected by canal with the Sound.

Brown's collection is entirely of the state. He has things pretty well represented and also he says a lot more to do. He is the

Egg collector in town. Recently he had an exhibit of birds eggs & specimens. Now they spending money entertaining people, tailors, theatre, seal and the like.

Brown also has a fine aquarium representation of the large animals. We intend to learn more by a short visit.

The gulls on the island seem likely to be migrants evidentally from the interior breeding grounds.

Bowles says the Bermuda wings don't come in from the nesting islands.

July 26. Went out to the Point of Pence park outside of town. The woods were very much the same as elsewhere if anything quieter. At present the summer slump seems to have all bird activity.

I had hoped to see some of the gulls at the park feeding the water fowl but failed.

Birds everywhere they nest
all along the spring,
in the Yellowstone and
meandering alike. In
Canyon and place they
built in fissures in the
clay bank of the Yellowstone
Clay has hardened and
become as rock. The birds
still use the same holes
year after year. The rock
has been hard for some
twenty years that we
know of.

The main attraction
at the park was the
zoo which harbored
several things of interest.
We have in captivity
about a dozen wild geese
from the vicinity. Three
species - the Canada,
Hutchins and White fronted
the geese were in excellent
condition and we had a very
close and prolonged
study of the birds.

But there was a
pair of Ghostly owl
in captivity which
I have done about on
Brown's record.

I was interested to see my first "polar bear" by jiggling and turning off the pen field of a cur from the street - and I agree him.

Another wigwam was a pair of very tame cold and fearsome which we petted and fed. Another, a female was most sociable and came up along the fence to be scratched. They were quite clean and fastidious in their manners. They really seemed as much like pets as the pigs with their stay pet and clean habits, for a grunt pig has a so-respectable dignity, for a chuckle of his stepping continually.

Finally were a pair of Alaskan Brown Bear, ~~and~~ a pair of Polar bear (in a swimming pool) a young cub Buffalo and a very fierce Badger. The

badger certainly did
yell like a dog and
did a great deal
of puffing and blowing.

July 27 Went out to the
nest boxes of the Wood
Merganser. Found one
full of Merganser eggs
put up a half dozen boxes
around the little swampy
lake. The first box we
examined contained a
little screech owl sitting
in the opening — as I
in the same place
it was in the spring.
went up to the nest —
20' up in a maple near
north end of the lake —
and found the remains
of the owls nest. I was
surprised to find that
the owl also — altho
the day was dark and
cloudy.

We went out on the
lake in a boat and
went up to a bay where
young Mergansers had
been seen during the year.
The boy stuffed some
light colored down

in and around it. The box is on a leaf tree in the middle of the lake. While out in the boat we saw several families of Red-bill Gulls young half grown. The birds both old and young were extremely tame because of the protection they have enjoyed there. The Red-bills pick the waterfully leaves off at the base and use them for nests, much to the regret of Dr. Shaw who planted them ~~little~~ ~~little~~. The birds will cut down a large area of the reeds to build a nest. The result is the nests are green and not black, pinky as at Buena Vista and elsewhere. One nest was left with two deserted eggs. I would not have called it a Red-bill nest if had found it and not seen the birds.

Dr. Shaw informs me the lake reports that by shot in Alpha a week

ago and saw a
skunk. Muskrats are
coming at the lake
altho I have none. We
also looked over the
place where a Mallard
nested in a tree covered
with ferns.

But what we did see
was several Magpies
and a large flock of
Nighthawks. The pelicans
were of course a
disaster. What I saw
of them was a big
the size of a Teal
but with a very long
ancky looking head and
neck. The bill was left
off and while flying
the birds conked off
and fly around the lake.
The rest all in a dull
cardiffe plumage and
I just have been males,
females, or young -
don't know. They all flew
to ~~the~~ roost a strip
down the center of the
back pond. Bonny says
to the hollow between
the wings and wing
covers which is usually

still marked in this
book.

The night hawks were
evidently a group
roosting - perhaps after
which we still had wing -
which had gathering there
to feed. The day was
cloudy as before - unfitted
to accounting for their
presence at mid-day.
They were as thick as
swallows in migration
time (see yesterday) and
the flew everywhere
about us at close range.
Certainly, I felt the
day was unlucky. We
had plan the Region
of the "Lodges" carefully.
The place was is a
spreading swampy
lake in the dense, dark
woods. Everything empty
covered and deep. Days
were not "fly in the lake."
Another interesting
observation was the
chasing of a Red tail
by diurnal Nighthawks.
The Nighthawks flew
at the Red-tail but
could see them hit him.

July 28 During the week we had made two trips to the apartment house roof where the nighthawks nest. Curiously they lay no decoy eggs, at least not in the close vicinity. I wish I could have been in town when Brooks took the first set of eggs I reported to see how the birds acted.

We hope we give the first day night because the bird was calling and flying over the building however it was not booming.

In the afternoon Mr Bragg of Cleveland was here on a 4 months trip to the interior of Alaska visited Brooks and his collection.

His stories are like an Ornithist's dream. He has money ambition and luck. He keeps only personally taken sets. He has village 200

natives blowing eggs and spotting birds. He collected 57 species of Alaska birds 27 of which were shore birds. Red-backed Sandpiper Bar. Gold Plover Aleutian Sandpiper were some of the common birds. In 10 days he collected over 2000 eggs and blown them. Also he found five new nests, thereby unknown to science. He showed us his notebook with list of species and set marks. Needless to say the afternoon was industrious. He was much pleased with Bowles collection.

July 29 Got ready leave and set upon board the boat for Seattle leaving many good memories and several good friends.

We are off Seattle in the big boat. I could not help but feel the grandeur of the country. We deep sound jumping

back into the high
cloud-covered, with
the great snowy peaks
resplendent against
the blue of Mt. Tacoma.
The boat passed thru
part of the Straits of
Juan de Fuca at
sunset and I watched
the lights on the
Olympic mountains
as we sailed along.
I only wish I could
hand you the country
all the way to cape
Flattery.

July 30. The ocean was
unusually calm
and the sky clear.
I saw a good deal
of land during the
day but saw few
sea birds. Sometimes I did see
any birds about over the ocean
like a flock of
I couldn't tell what
species it was but I
suppose it's anything
as there is stuff. Later
I saw some birds that
looked like shearwater

but they were far off.
At 6 o'clock I found
an albatross at least
as near as I can figure
out. It was flying for
the inside of the fast
but very lazily. I could
see nothing out the
white and dark color
of the bird. I am quite
sure that at this time
we were off Crescent
City California.

July 30 As I think of
the birds of the first
~~second~~ week they
seem to be chiefly coast
forms of California birds
with a scattering of
eastern species creeping in
from the north along
the timber belt. In
Alaska the eastern
species come along the
coast and so if it
seemed some should
come from southward
also there is a tendency
for them to follow
the coast for 5 farther
East of the mountains

is a mixture of prairie bird and southern California birds. Bobolinks and Bittern easily with the sage brush association. It is East of the mountains is even more a melting pot of Eastern, West, California and prairie bird. I should certainly like to stay the 8th as they would probably be more new things there than around Puget Sound.

However for my purpose the Puget Sound has been instructive as it is my first experience of the migration of the humid coast belt.

(So I sum up things by thinking out loud. If they will when I want to remember my equation)

Arrived in San Francisco early this morning and met Dad. Spent the day at the Academy of Sciences and the Univ.

in Berkeley. The boat left again at five P.M. and we go down by Monterey by dusk. The wind was blowing hard thru the gate but the sea was calm outside. I saw quite a flock of some sort of birds flout hundreds they flew ahead of the boat and then drove leisurely.

Aug 1 Arrived in port at 10 A.M. in good order. Home in the afternoon

6066 Hayes ave.

Boston Trip

Data

[illegible] Blackthroated Sparrow

April 15 1924

[illegible]

Rock Wren

April 16 1924 / 4, incl.

Brewer's [illegible] more

a long crack (horizontal in the cliff, rather narrow, but ran back 1½' to a pocket in the earth wide enough were located. Could not actually trace crack - cuff in flames. Nest hole looks untouched. Birds did not come around and were not calling but flew from the crack on two occasions only.

Hinkley, Mojave Desert, Calif. Nest in a cutbank in badland country, located on a hillside near the bottom of a small wash. Nest placed in a small hole in the soft ground. Nest material could be seen from the wash. Nesting cavity small; hole at entrance also small. Bird flushed on approach. Nest for most of grass chiefly. No rocks in nest as was found to be the case in two nests containing young.

Desert Sparrow Hawk
April 17, 1924 / 4
Rantoul fruit beds — near Hinkley San Bernardino Co. Calif. In a side canyon of Cajon on the N side, south or west exposure. Nest hole in perpendicular cliff in an outcropping, 14' up. Nest

Continued to the letter

Mar 26 1923

Kangaroo Rat —
Jumped in to a ditch that had been just filled evidently following its old trail. It was very much surprised and turned around swam back.

— Verdin — first verdin nest with eggs found 3 probable not complete. Bird sat tight, bit at finger when put in the nest.

— Costa Hummer
Many pairs mating and building only one nest found with eggs by far

— White Rumped Shrike
Set of 5 eggs taken (see data) birds shot. (HM)

— Dead Poor Will picked up by stage.

Wind cool and hot and blown off and on all day

No Crisal throughout
or Alberts touches them
as yet. or long sandals
only have been here
was I am (accepting) probably
cooper
only two moccins
seen this year

Birds seen at Rock
[illegible]

1 (Green winged teal seen around
Crows) - [illegible]

Kill list -
[illegible]
Red [illegible]
[illegible] Bufflehead
Red [illegible]
Bufflehead [illegible]
Lesser
[illegible]
[illegible]
[illegible]
Western Tanager
White [illegible]
Robin
Turkey Vulture

H Miller

Scientific Records

Order Pygopedes

Grebes

Pygo

Name Western Grebe
Date July 2, 1922
Set. M. 68/$\frac{7}{5}$
Q.O.U. No 1
Local. Buena Vista Lake Kern Co. Calif.
Incb very slight
Collby Alden H. Miller
Nest floating tules among flags
Nest large colony about 1 nest
Rem. to 15 sq ft for a quarter mile
eggs uncovered when left. Birds
seem to cover when incb but
not when fresh or nearly so.
Sets run from 3-7 mostly 4-5

Name Western Grebe
Date July 2 1922
Set. M. 69/$\frac{3}{4}$
Q.O.U. No. 1
Local. Buena Vista Lake Kern Co. Calif.
Incb. slight
Collby. Alden H. Miller
Nest in flag colony depredate
Rem. nest as usual eggs
uncovered

Name Western Grebe
Date July 2, 1922
Set. M. 72/$\frac{3}{3}$
Q.O.U. No 1
Local. Buena Vista Lake Kern Co. Calif
Incb fresh
Collby Alden H. Miller (~~per Robert C. Jonak~~
Nest Nest as usual; in
Rem. flag colony

Floating Rule; eggs sink even when incb

Name Western Gulls
Date July 4, 1922
Set. No. 85 2/7
G.O.U. No. 1
Local. Buena Vista Lake Kern Co. Calif.
Ind. commenced
Coll. by Alden H. Miller ~~per. A.~~
Nest as usual in colony at flags.
Rem. More nest covered

Name Western Gulls
Date July 8 1922
Set. No. 86 2/7
G.O.U. No. 1
Local. Buena Vista Lake Kern Co. Calif.
Ind. Commenced
Coll. by Alden H. Miller per ~~Alan R.~~
Nest as usual in flag colony
Rem. Nearly all nests covered

Name Western Gulls
Date July 8, 1922
Set. No. 89 2/5
G.O.U. No. 1
Local. Buena Vista Lake Kern Co. Calif.
Ind. fresh
Coll. by Alden H. Miller per. ~~Alan R.~~
Nest as usual in flag colony
Rem. 1 egg odd long shape and of blue color

Order Pygopedes

Grebes

N. Western Grebe
Date 6/14/22
Set. M. 5 7/6
Coll. No. 1
Local. Buena Vista Lake Kern Co Calif.
Incub Commenced
Collr. A. J. Van Rossem.
Nest floating of dead tules
Rem. etc. eggs uncovered; large colony; Birds all over the lake. Diam. 1½' - 2'
Nesting material all wet.

N. Western Grebe
Date June 10, 1923
Set. M 5 1/2,
Coll No 1
Local Buena Vista Lake Kern Co Calif.
Incub fresh
Collr Alden H Miller
Nest typical as found in ~~1922~~ 1922
second colony about the same size but all sets of 2, 3 one 4 only several sets of 1 seen but not secured complete.

Name Eared Grebe
Date July 8 1922
Set. M. 8 7/3
Coll. No. 4
Local. Buena Vista Lake Kern Co Calif.
Incub Slight
Collr. Alden H Miller.
~~Nest~~ Nest 6" x 8" wet mass
Rem. of dead flags grass etc
Eggs covered. ~~Entire~~ small Eared Grebe colony at flags.

Name Eared Grebe
Date July 2, 1922
Set M. 71/5
Q.U.No. 4
Local. Buena Vista Lake Kern Co. Calif.
Incb. slight
Coll by Alden H. Milly
Nest floating; in small colony
Rem. among Western in flap
eggs covered. Nest 6" in diam.
eggs and entire nest wet.

Eared Grebe
Date 6/18/22
Set M 4
Q.U.No. 58/4
Local. Buena Vista Lake
Incb. Commenced
Collby. A. J. Van Rossem
Nest floating of dead tules
Rem. eggs covered
nests in deep water 8-9'
Diameter 8" Nest entirely wet

~~Nest~~
Name Eared Grebe
Date 6/18/22
Set M 60/2
Local. Buena Vista Lake Kern Co. Calif.
Incb. fresh
Collby ~~[illegible]~~ Loye H. Milly
Rem. Egg taken from oviduct

Order Pygopedes
Grebes Red bill.
Name Podilymbus podiceps
Date July 21, 1922
Set No. 100 1/7
Ad No. 6
Local. Buena Vista Lake Kern Co. Calif.
Ind. fresh
Collby Alden H. Miller
Nest An open floating platform
Rem. nest cup black bottom roots well tangled, stood 5 inches above water in tules weeds.
Typical pied-bill nest construction
Name Podilymbus podiceps
Date July 23/1922
Set No. 104 1/6
Ad No. 6
Local. Buena Vista Lake Kern Co. Calif.
Ind. slight to fresh in overflow
Collby Alden H. Miller
Nest Rem. Not typical in this weeds. Female collected by Ad. M.
See set 100 1/7
Name Podilymbus podiceps
Date July 24 1922
Set No. 105 1/7
Ad No. 6
Local Buena Vista Lake Kern Co. Calif.
Ind slight to commencing
Collby Alden H. Miller
Nest Not typical in this weeds
Rem near open pond around
See set 100 1/7
Bird trap set

Name Podilymbus podiceps
Date July 25 1922
Set. No. 108 2/7
Eggs No. 6
Local. Buena Vista Lake Kern Co Calif
Sub fresh
Collby Alden D. Miller
Nest typical in almost open water
Rem. but surrounded at a
distance by nestlings of small
red variety. Set 108 2/7

Name Podilymbus podiceps
Date July 26 1922
Set. No. 109 2/6
Eggs No. 6
Local. Buena Vista Lake Kern Co Calif
Sub fresh
Collby. Alden D. Miller
Nest in tules, but typical nest
Rem. Within nests close by,
possibly earlier broods?

Name Podilymbus podiceps
Date July 27 1922
Set. No. 112 2/5
Eggs No. 6
Local Buena Vista Lake Kern Co Calif
Incb slight to heavy
Collby Alden D. Miller
Nest typical in open weeds
Rem Open water near
Bird trapped, and one shot while trying had away from nest. Bird found 5 omit off from the ear

Order Pygopedes

Grebes

Name Podilymbus podiceps

Date July 27 1922

Set No. 113 2/8

No. Eggs. 6

Local. Buena Vista Lake Kern Co Calif.

Incub. commenced by Female

Collby Gelden & Milly per Arrington

Nest typical in open marsh

Rem. Nest made of somewhat finer material than other.

In Set 100 2/7

Name Podilymbus podiceps

Date Aug 12 1922

Set No 118 1/8

No. Eggs 6

Local. Buena Vista Lake Kern Co Calif.

Incub. commenced

Collby Gelden & Milly Per Lyon

Nest Typical

Rem. the sets 100 2/7 6 eggs

Order Longipennes
Gulls Family Laridae

n. Little Gull:
Date —
Set. n. 65 inc
AOU. no 60.1
Local. Prob North Coop
Incb —
Nest —
Collected by —
Remarks given to AA by McLaw
Sept meeting Cooper Club
single, no data
Bird no.

(over)

Sterna caspia
Terns Family Laridae
N. Caspian Tern
Date May 27 1923
Set. M 37-42/$\frac{3}{1}$
A.O.U. No. 64
Local Buena Vista Lake Kern Co. Calif.
Incb fresh
Collby (Whitney) for Alden Willey
Nest on bare bank slight depression
Rem the colony was not permitted to complete the sets because of the gulls breaking the eggs as soon as laid. The whole island has the appearance of a rookery. When the birds flushed they left the vicinity for some time.
(Note) from Adrian Rosson.
With 2 eggs of this series given to Van Rossem and 1 that Tyler of Fresno obtained this series forms the first Calif. breeding record.

N. Least Tern: 40-41
Date June 14, 1919
Set M. ~~sets~~ $\frac{61}{2}$ $\frac{62}{2}$
A.O.U. No 74
Local. near Hunting Beach LA Co. Calif.
Incb Very Slight
Nest only a slight depression on bare sand
Coll by Little Chambers (back of high water mark
Rem.

~~Bird No.~~

Order Longipennes

Terns

Name Least Tern
Date June 18, 1923
Set M 54 3/2 55 3/1 complete apparently
Egg No 74
Local. Playa del Rey L.A. Calif.
Ecol. fresh
Coll. by Alden H Miller
Nest in ground slight depression
54 3/2 Nest near snow plover set 53 3/3 see
data. A small colony of perhaps
20 pair among not yet nesting.

N Least Tern
Date June 18 1923
Set M. 56 3/2
Egg No 74
Local Play del Rey L.A. Calif.
Ecol fresh
Coll by Alden H Miller
Nest in small isolated colony of
4 pair. Eggs in footprint on mud
flat (some salicornia) Eggs had apparently
been flooded at one time by the tide.

Name Sterna forsteri
Date July 20 1922
Set M. 99 3
Egg No 69
Local. Burns Vista Lake Kern Co Calif
Ecol fresh
Coll by Alden H Miller Per. L H Mosby Jr.
Nest Nest 6"-8" across well built
turn up of dry rotting
floating among weeds.

This set from corona among page

Name Sterna forsteri
Date July 22, 1922
Set. No. 102 2/3
A.O.U. No. 69
Local. Buena Vista Lake Kern Co. Calif
Inc. 2 commenced, fresh (not rotten)
Coll. by Alden McNally per C. Gale Dill
Nest on old grebe nest
Rem. somewhat added to by dry material (nettles) Tern colony occupying old grebe colony in this manner.

Name Sterna forsteri
Date July 24, 1922
Set. No. 10 2/6
A.O.U. No. 69
Local. Buena Vista Lake Kern Co. Calif.
Inc. commenced
Collr. Alden McNally Per C. Gale Dill
Nest Nest on floating nettles
Rem. in colony near pelicans Inc.
Apparently all orange eggs but probably laid by two birds

Name Sterna forsteri
Date July 24 1922
Set. No. 10 2/3
A.O.U. No. 69
Local. Buena Vista Lake Kern Co. Calif.
Inc. slight
Collr. Alden McNally Per C. Gale Dill
Nest Nest on floating nettles
Rem. in colony near pelicans Inc.

Order Longipennes

Genus Sterna

Name Sterna forsteri
Date June 30, 1922
Set. M. 65 2/3
Ad. No. 69
Local Buena Vista Lake Kern Co. Calif.
Inc. Commenced
Collby Alden H. Miller
Nest floating among dead weeds
Rem. nest better built than
Black Tern 6"-8" diam. however
the wing washed many under
while others water log and sink.
Nest and eggs wet. A small
scattering colony. It was found
that the floating rule for inc.
does not always hold for wet
eggs.

Name Forster Tern
Date July 1 1922
Set. M. 67 2/3
Ad. No. 69
Local. Buena Vista Lake Kern Co. Calif.
Inc. Heavy
Collby. Alden H. Miller
Nest on floating bottle as was
Rem. as black tern nestle colony

Name Forster Tern
Date July 2nd 1922
Set. M. 70 2/3
Inc. Advanced
Ad. No. 69
Local. Buena Vista Lake
Collby Alden H. Miller (~~Ben H. Grant~~)
Nest old grebe remodeled to Tern style
in big grebe colony among flags

Nest floating in water
Ben H. G.

Name Sterna forsteri
Date July 9, 1922
Set No. 91 2/2
Ad. No. 69
Local. Buena Vista Lake Kern Co. Calif.
Incb. fresh
Coll by Alden Miller ~~per A. van R.~~
Nest on floating nest well
Rem. about as usual
A new colony just started
moved from a sunken tule
raft near Pelican Isl that had
sunk with about 25 nests.
Nest in nest-lined
Name Sterna forsteri
Date July 9 1922
Set No. 92 2/3
Ad. No. 69
Local. Buena Vista Lake Kern Co. Calif.
Incb. Cooky but commencing, eggs just hatched
Coll by Alden Miller ~~per A. van R.~~
Nest on nest-lined, in nesting
Rem. colony (see data set 91 2/2)
Name Sterna forsteri 69
Date July 9, 1922
Set No. 93 2/3
Ad. No. 69
Local. Buena Vista Lake Kern Co.
Incb. fresh
Coll by Alden Miller ~~per A. van R.~~
Nest on nest-lined as usual
Rem. in nest-lined colony (see data
for set 91 2/2 69

Order Longipennes

Black Tern

N Black Tern
Date June 30 1922
Set. No. 62 2/3
A.O.U. No 77
Local. Buena Vista Lake Kern Co. Calif.
Inc. 1. Commenced two heavy
Coll. by Alden H. Miller
Nest On floating weeds (mothweed)
Rem. among patches of olive weed
in open water nest 3' diam

N Black Tern
Date July 1, 1922
Set. No. 63 2/3
A.O.U. No. 77
Local. Buena Vista Lake Kern Co. Calif.
Inc. Commenced
Coll. by Alden H. Miller
Nest Nest on floating nettle
Rem. at the root every
the plant had been rooted
nest cuped well a few sticks
and grass stems added eggs dry
but most of the nest wet.

Name Black Tern
Date July 1 1922
Set. No. 64 2/3
A.O.U. No. 77
Local. Buena Vista Lake Kern Co. Calif.
Inc. Commenced but varing
Coll. by. Alden H. Miller (~~permit A. J. Lark~~
Nest on floating nettle nest and
Rem. eggs wet. Quite a colony
of Blacks and a few Forster's

Name Black Tern
Date July 1 1922
Set. M. 66 2/3
A.O.W.No. 77
Local. Buena Vista Lake Kern Co. Calif.
Inc. Commenced
Coll by Aldyn Miller (~~Kermit A. Brown~~ R.
Nest Nest on floating ~~tul~~ patch
Rem. nest and eggs wet. Nest in same colony same as other sets on nettles water 9' deep.

II. Black Tern
Date July 5 1922
Set. M. 78 2/3
Local. Buena Vista Lake Kern Co Calif
A.O.W.No. 77
Inc. slight but white hardened
Coll by A.W.M. ~~pat~~ R. (partially
Nest (whether by carrying uncovered
Rem or whether it had been deserted for awhile? Nest on floating plank with few grasses and leaves wed.

Order Steganopodes

Cormorants Family Phalacrocoracidae

N White Pelican
Date May (10) 1923 (1st half of May)
C.O.U. No. 125
Set M 23 – 27 3/1
Local. Buena Vista Lake, Kern Co. Calif.
Incb fresh.
Collby A. J. Van Rossem for Allan Walker
Nest depression in mud on
Rem sand bar. The colony could
not finish a set because of the
gulls. These eggs were in nests
with birds but were all singles.
Same is all about half incubated

Order Steganopodes

Pelicans Family Pelicanidae

Name Calif. Brown Pelican

Date May 6, 1904

Set M. 34/96

Coll. No. 13 7

Local. Coronado Is. ~~Calif~~ Mexico

Emb. —

Nest —

Collr C. C. Belding

Rem. Given to Mr. by E. W. Chambers

N. Red-Head

Date June 11, 1923

Set M. 50/3/7

Coll No 146

Local Buena Vista Lake Kern Co Calif.

Emb fresh - slight. stale

Collr Alden Miller

Nest in flag strip in clump of flags built of flags about 12 inches up from water. Much down in the nest. No evidence of the bird near by though a bird was seen at a distance on entering the strip. Eggs and nest typical Red Head

Order Anseres

Ducks

Ans

N. Redhead
Date June 21, 1922
Set. M. 61 1/2/17
G.O.U. No. 146
Local. Buena Vista Lake Kern Co. Calif.
Inch. 3 stale eggs commenced
Coll. by A. J. Van Rossem
Nest In dead floating tule
Rem. raft made of tules some down in and along nest, nest built so that cup was out of water. Eggs dry.

Name Redhead
Date July 10, 1922
Set M. 94 1/2/7
G.O.U. No. 146
Local. Buena Vista Lake Kern Co. Calif.
Inch. some slight others commenced.
Colly. Alden H. Miller per A. J. R.
Nest of tules in small 6x8'
Rem. tule clump in near open water, near flag bill
Nest and eggs dry some down in dead fetched nest.
July 2 5 eggs; July 4 6 eggs
July 8 7 eggs; July 10. 7 eggs

Name Ruddy Duck
Date July 8, 1922
Set No. 97 $\frac{2}{11}$
A.O.U. No. 167
Local. Buena Vista Lake Kern Co Calif.
Incb. Commonness
Coll. by. Alden H. Miller
Nest In small tule clump in
Rem. open tule cattail surrounded
by Nettweed. Nest built up
high & bulky some tules
tules bent down over nest

Name Ruddy, Red Head & Free Duck
Date July 27, 1922
Set No. 110 $\frac{2}{7}$ 4 Ruddy 2 R.H. 1 F.D.
A.O.U. No. 167, 196, 178
Local. Buena Vista Lake Kern Co Calif.
Incb. Ruddy slightly addled, Red Head very
Coll by Alden H. Miller notes 1 D nest rotten
Nest In tules of tules or canal
Rem. Poor only final clutch - nest
July 6th 11 tame Duck eggs broken
latter same day 1 rotten R.H. egg
in nest July 27 set as taken
except 1 broken Duck & Redhead egg
July 27 set taken.

Name Ruddy Duck A.O.U. No. 167
Date Sept 6 1922 Set slightly stale
Local Buena Vista Lake Kern Co Calif
Set No. 116 $\frac{2}{6}$ Coll by Alden H. Miller
Nest In flags first found in late July
Rem 1 egg May 17 nest built, slowly of
tules / apparently deserted when collected.

Treeduck

Name Fulvous Tree Duck
Date July 2, 1922
Set No. 76 2/6
O.O.U. No. 178
Local. Buena Vista Lake Kern Co. Cal.
Incub. 6 rotten others heavy
Collby Alden H. Miller (per A. J. Mark)
Nest in tule clump in open
Rem water of tules, no down
eggs dry. Bird flew protesting
overhead. 6 eggs laid daily
4 next day 3 next 2 next then
daily. Possible the six extra
put in by other ducks over
the rotten ones. 1 runt egg
also laid extra. Taken by A. J. Mark
for DR Dickey.

Name Fulvous Tree Duck
Date July 6, 1922
Set No. 88 1/1
O.O.U. No. 178
Local. Buena Vista Lake Kern Co Cal.
Incub. Point of hatching young alive
Collby Alden H. Miller (per A. J. Mark.
Nest of tules dry and floating
Rem. in tules at edge of canal
nest outside measurement 2'
Snake coiled in nest but
had eaten no eggs as yet.
Nest was so deserted at time
of taking.

Name Fulvous Tree Duck
Date Aug 12 1922
Set. M. 115 2/8 Com.
A.O.U.N. 178
Local Buena Vista Lake Kern Co Calif.
Incb. Heavy
Cotton Willow
Nest in open among weeds
Rem. original site
Nest built of rotted pieces
possible an old crow nest.
Bird flushed

~~Palodicolae~~
Herodinones

77 White Faced Glossy Ibis
Date 6/14/22
Set M 54/2/3
A.O.U. No 187
Local. Buena Vista Lake Kern Co Calif.
Incl. Commenced
Coll by A. J. Van Rossem
Nest Air water built of dead
Rem weed stems. Large
Colony near Pelican Isl.
The whole colony sinking
from raise in water and
waterlogging of nesting material.

Name White-faced Glossy Ibis
Date June 10, 1923
Set. M 43 3/3
A.O.U. No 187
Local Buena Vista Lake Kern Co Calif.
Incb heavy
Coll by Aldin Miller
Nest in ~~tule~~ flag strip, nest cupped
Rem about 8 ft above water very
filthy made of flags. Nest
in a large colony of Ibis
"Squawk" W. Guke

Name White-faced G. Ibis A.O.U. No 187
Date June 10 same data as set 43 3/3
Set M 44 3/4 Local Buena Vista Lake
Incb heavy Coll by A.H.M.

Name Glossy Ibis 187
same data as 43 3/3
Set 45 3/3 Incb advanced
only two sets of four seen
many young well out of nest.

Bitterns

Name Least Bittern
Date July 23, 1922
Set M. 10 3/4 2/5
Eggs No. 191
Incb. Fresh 2 slight
Local Buena Vista Lake Kern Co Calif.
Collby Alden H Willy
Nest 2½ ft up in tules small clump in
Rem. motlwood Nest platform of tules
Bird sat up straight
bed up this was
was globular not
natural. Sat nothing off
2 sitting. Other nest
1 5 off. simply sat
Tabulated & compared

Name Least Bittern
Date July 2, 1922
Set M 7 3/2
Eggs No 191
Local. Buena Vista Lake
Incb part slightly stale others
Collby Alden H Willy
Nest In flags a platform
Rem. very slightly cupped
of flags resting on the water
attached to flags 1 ft diam.
Bird collected by 2-3-rem R
Melanistic bird. Mate
Males do a great deal of nest duty

These items to accompany other pairs near Buena Vista Lake colonies on lake.

Order ~~Pelecaniformes~~

Herons Family Herodii

N Anthony Green Heron
Date May 7, 1921
Set. M. 21 $\frac{1}{5}$
G.O.U. No. 201 c
Local. El Monte Calif.
Incb just commenced
Coll by Alden H. Miller
Nest in willow 35-40 ft up on limb hanging out
Rem. nest no larger than bluejay
in grove willows back from stream. Nest made
of large sticks could see eggs thru, bird sitting
did not come down.

Name Anthony Green Heron
Date July 6 1922
Set. M. 81/3
A.O.U. No. 201 e
Local. Buena Vista Lake Kern Co. Calif.
Incb. 1 fresh 1 incb started 2 heavy
Collby. Alden Mailly 1 badly neat checked
Nest on willow limb over
Rem. canal 4 ft from water.
Nest a platform of willow sticks
about 1½' across at most.
sticks bent up on outer edge.
Nest proper about 8" in diam.
Bird flushed

Name Black-Crowned Night Heron
Date 6/14/22
Set. M. 55/3
A.O.U. No. 202
Local. Buena Vista Lake Kern Co. Calif.
Incb. Commenced
Collby. A. J. Van Rossem
Nest Nest floating in Ibis
Rem. Colony near Pelican Isl.
Nest made of weeds

Herons

Name Black Crowned Night Heron
Date July 3 1922
Set No. 74 2/4
ROW No. 202
Local. Buena Vista Lake Kern Co Calif.
Incb fush
Nest In small willow, thicket.
Colby at inlet fush colony of 3 pair
Kern Nest full platform of willow sticks fine leaves 8" x 12"
3 ft from water.

Name Blk.-Cr. Night Heron
Date July 7 1922
Set No. 84 2/7
ROW No. 202
Local. Buena Vista Lake Kern Co. Calif.
Incb fush
Nest very small fail stick
Colby platform 3 ft up
Kern. from water in willow colony at inlet Colby Alden Miller

Name Blk-Cr. Night Heron
Date July 9 1922
Set No. 90 2/5
ROW No 202
Local. Buena Vista Lake Kern Co Calif.
Incb slight
Colby Alden, Miller ~~Bond Cl~~
Nest in willow colony at inlet
Kern. 2½' up 2½' x ½' out side measurement. Small a platform stick. Sticks at edge bent up forming nest into slight cup.

Name Black Crowned Night Heron
Date July 11 1922
Set M. 96 2/3
Ap. No 202
Local. Buena Vista Lake Kern Co Calif.
Nest commenced
Colony Alden Shelly per A J van R.
Nest in small willow
Rem 1 ft up in crotch
Stick platform usual slight cup
2 Colony at inlet.

Name Florida Gallinule
Date July 27 1922
Set M. 111 1/2
Ap. No. 6
Local. Buena Vista Lake Kern Co Calif
Nest slight commenced but all
Colony Alden Shelly rotten
Nest compact of tules
Rem floating among nettles
Bird sitting, repeat to set
79 1/2 11 Bird also had young
with her.

Order Paludicolae

Rails Family Rallidae Gallinula

N. Light-Footed Rail
Date ——
Set. M. 30, inc
Q.U. No. 210.1
Local. Anaheim Landing LA Calif.
Indo ——
Nest Found Floating Out of nest
Collby Wm Chamberlain
Rem. Given to A.M. with Pelican 34/3 & 96/3

Name Florida Gallinule
Date July 20 1922
Set. M. 98 2/8
Q.U. No. 219
Local. Buena Vista Lake
Incb. 1 fresh, slight, ~~[illegible]~~, 1 advan
Collby Alden Miller, 3 heavy, pipped
Nest in a prong of plants
Rem. and nestles built up
of the water although floating diam
of dry tules compactly woven 8"

Name Florida Gallinule
Date July 5 1922
Set. M. 99 12
Q.U. No. 219
Local. Buena Vista Lake Kern Co Calif.
Incb All stages 5 heavy, pipped all heavy
Collby Alden Miller
Nest a fright compact stack
Rem. of dry tules, floating
weeds neatly tucked in young
bird near eggs very in the house

Continued on next

Order Paludicolae

Coots Family Rallidae

N. American Coot
Date May 24 1919
Set No. 55/1 Incp.
Coll No. 221
Local. Nigger Slough L.A. Calif
Incb. 7 days
Nest in grass (wet) almost in water made of reed & grass
Collby ~~Allen Miller~~ ~~P. Bell~~ transfer by
Rem. self-set

N. American Coot ♂.
Date May 29 1920
Set No 89/4
Coll No 221
Local. Nigger Slough L.A. Calif.
Incb very slight
Nest Nest floating on outer edge of tule grass reeds.
Collby ~~Allen Miller~~ ~~P. Bell~~ transfer
Rem. bird flew out. on nest

Coot
Date 6/12/29
Set No. 56/3
Coll No. 221
Local. Buena Vista Lake Kern Co. Calif.
Incb. Commenced
Collby ~~A. J. Van Rossem~~ ~~Ben Bell~~
Nest in open water bulky
Rem. with gangplank
Made of straw & tules

Order Paludicolae

Coot.

Name Coot
Date July 5, 1922
Set. No. 77 ~~B~~ 2
A.O.U. No 221
Spec. All stages from fresh to advanced
Local. Buena Vista Lake Kern Co Cal
Coll. by. Alden H Miller ~~per J. Van R~~
Nest in open water of tules built
Rem. up high gangplank 2' across
These bird apparently continue laying
as the bring offspring.

Name Coot
Date July 6, 1922
Set. No. 80 ~~A~~ 2
A.O.U. No. 1, 3 221
Local. Buena Vista Lake Kern Co. Calif.
Incb. Incb ranged from fresh fairly comp.
Coll by Alden H Miller ~~per~~ (~~Alden~~ R.
Nest in tules built up of tules
Rem. bulky with gangplank
as usual.

Order Limicolae

Avocets Stilts

N. Avocet
Date May 20 1923
Set M. 20/4
A.O.U. No. 225
Local. Playa del Rey L.A. Co. Calif.
Ind slight
Coll by Allen F. Miller
Nest on mud lump among
Rem. salicornia made of
salicornia about 6" in diam
many birds nesting & Parent
birds quite excited but do not
make as much noise as stilts.
Eggs are <u>evidently</u> flooded occasionally
by the tide, all sets covered
with mud.

N. Avocet 225 Collby Aldin F. Miller
Date May 20/23 Ind slight
Set M 21/3 Local Playa Del Rey Calif.
Set 22/3 same data as
set 20/4 for nest.

77 Black Necked Stilt
Date May 20 1922
Set M. 37/6
A.O.U. No 226
Local. Nigger Slough L.A. Calif.
Ind 3 Stale 3 ~~Commenced~~
Coll. by Aldin F. Miller
Nest Made of grass stems placed
Rem. on top of mud moored
in 3 inch water. Showing
about 2 sq ft 6 in above water
Set probably laid by two birds

3 stale eaten with mud

11. Black Necked Stilt
Date July 3 1922
Set. No. 75 1/2
A.O.U. No. 226
Local. Buena Vista Lake
Incb. fresh
Coll. by. Alden H. Miller per A. J. van R.
Nest of platform of stalks ~~and~~ rubbish
Rem. in 2" water 6" diam
on Pelican Isl. Solitary pair
Bird sitting. Nest latter destroyed
by wind

Name Snowy Plover
Date June 18, 1923
Set. No. 53 3/3
A.O.U. No. 278
Local Playa del Rey L. A. Calif.
Incb. fairly advanced
Coll. by. Alden H. Miller
Nest on ground in open place
of mud flats between patches
of salicornia 1 mile from
beach. Nest of pieces of salicornia.
Many birds near by. Watched birds
with glass, go to the nest, also saw
it pass at a least tern who had a nest
15 ft away

Order Limicolae

Sandpipers Scolopicidae

N Spotted Sandpiper
Date June 17, 1921
Set No. 4
A.O.U. No. 263
Local. Merced R. Yosemite Village Calif.
Incb. fresh
Collby Alden R. Milley for LBM, SP & LBM.
Nest in clump of grass depression
Rem. in ground lined with some grass and straw near river.

N Spotted Sandpiper
Date June 16, 1920
Set No. 4
A.O.U. No. 263
Local. Yosemite Village on sandbar of Merced R
Incb. Fresh
Nest. in small clump of grass lined with grass straw
Collby Alden R. Milley SP LBM.
Rem Nest not like Killdeer but in weeds

Order Limicolae

Plovers Family Charadriidae

N Killdeer
Date Apr 23 1919
Set M. 39/4
COU No. 273
Local ~~Incb~~ Arroyo Seco La Cal. sand gravel bank below ave. 60
Incb commenced
Nest eggs laid among stones and gravel slight depression
Collby Alan Miller
Rem Bird feigned broken wing made great fuss

N. Killdeer
Date May 20 1922
Set M. 38/2/3
COU No. 273
Local. Nigger Slough L.A. Co Calif.
Incb. Slight
Collby. Alan Miller
Nest eggs laid in a cow footprint
Rem. a few bits of straw gathering bird made very little fuss no more than when feeding commonly. (grassy field)

N Killdeer
Date 6/18/22
Set M. 59/3
COU No. 273
Local. Buena Vista Lake Kern Co Calif.
Incb Commenced
Collby G. J. Van Rossem Per SM
Nest on bare ground
Dim. 50 ft from water
Bird was not excited at all

Order Gallinae

Quail Family Tetraonidae
N California Quail
Date. May 10, 1919
Set M 45/11 set joined (Guff & Hoffman)
A.O.U. No. 294a
Local. South Pasadena near Raid Farm LAC
Incb Heavy
Nest Cup in ground in grass on hillside lined
Coll by L.E. Hoffman and Alden Miller
Rem. 3 sets in one nest, part way heavy others fresh.

N. Valley Quail
Date Apr 7 1923
Set. M 9/3
A.O.U. No. 294 a
Local. Los Angeles River. L.A. Co. Burbank
Incb fresh
Coll. by Alden H. Miller
Nest on ground under old fallen
Rem. brush and black berry vine on edge of 1½ bank. Nest lined with lettuce few feathers. Bird flushes at 2 ft distance. Bird did not stay close long. Eggs in two layers.

Order Columbae

Pigeons Doves Family Columidae

Name Band-Tail Pigeon
Date July 12, 1920
Set.M. 5 ~~A~~ 1
A.O.U.No. 312
Local. Juneya Lake switchback Yosem. Co.
Incb Fresh
Nest frail mass of sticks with back hole
Collby L.M. SP Allan A. Milby
Rem. Bird flushed flopping thru brush clay before thought it was old bird stuck close in golden Oak tree on rocky slope 8 ft up

col

N Columba faciata faciata
Date May 30 1922
Set.M. 46 ~~A~~
A.O.U.No 312
Local. Mt Pinos Kern Co. Calif.
Incb commenced
Collby Allan A. Milby ~~per A.A.M.~~
Nest In 50' fir at 6500 alt. (about 20' from ground 8' from trunk.
Rem. Bird flushed, nest collected unusually substantially built, lined with pine needles

N. W Mourning Dove
Date May 3, 1919
Set.M. 45/2
A.O.U.No. 316.a 316a
Local Nigger Slough Los Angeles Calif.
Incb Fresh
Nest Practically none on horizontal limb few sticks
Collby Allan A. Milby ~~P. S.M.~~
Rem Bird used broken wing ruse

Order Columbae

Doves Family Columbae

N W. Mourning Dove
Date July 4 1919
Set M 63/1 Inc.
A.O.U. No. 316.(a) a
Local. near Pixley, Calif in Eucalyptus Grove.
Incb. Stale
Nest Small as usual made of sticks &c
Coll. by Alden H. Miller P.
Remarks Old egg buried under leaves many feet the nest near by

N W. Mourning Dove
Date May 29, 1920
Set M 2 0/2
A.O.U. No 316.(a) a
Local. Nigger Slough L.A. Calif.
Incb. Commenced
Nest small sticks and twigs
Coll. by Alden H. Miller P.
Rem. boys took and did not want.

N Mourning Dove
Date 5/3/19
Set M. 1 1/2
A.O.U. No. 316a
Local. Nigger Slough L.A. Co. Calif.
Incb. Fresh
Nest frail platform of sticks
Coll. by L. E. Hoffman
Rem.

N Circus hudsonius
Date Apr 29, 1923
Set No 28/3/5
A.O.U. No 331
Local. Buena Vista Lake Kern Co Calif.
Sub commenced
Nest in nettles near tules.
Collby A. J. Van Rossem for A.H.M.
Rem nest in opening well
built up and well cupped.
Bird scolding Apr. 15

Order Raptores
Family (Hawks)

Ref. Circus hudsonius
Date Mar 30 1923
Set M. 8 f 3/5
A.O.U. No. 331
Loc. Riverside Calif. Santa Ana River.
Inc. Commenced (varying)
Col. by Alden Miller
Nest on the ground in deep tules. The nest was built 2½ ft from main level of bulrushes and grass 14" from the ground. Hollow about 18" across at bottom nest 14" wide. Nearly tules opt. Nest made of tules grass and a few willow sticks. Very little cup and rather small. A small marsh patch rather dense and fairly free (willows). Nest placed at 10 ft. Made great commotion. In morning whole nest was located both birds were present.

(11) Cooper Hawk
Date Apr. 5. 1922
Set M. 3 f 3/4
A.O.U. No. 333
Local. Los Angeles R. ~~Tor~~ Tropico L. A. Co. Calif.
Inc. fresh
Col. by Alden Miller
Nest in alder tree 35 ft up near Los Feliz Rem. Bridge. Nest on end of main trunk coarse sticks lined finer sticks practically no basin 2½ ft across outside. inside 8 inch bottom 4 inches

Nest in dense stand of cottonwood and willow. Bird did not fly until tree was vigorously shaken. Made no noise at this time and did not stay in the vicinity. However on Mar. 4 the bird made fuss at this time nest was almost complete. very little down on the nest.
Bird & collected by L. T. Milly same time.

8

N. Red Bellied Hawk
Date Apr 23 1922 B. Lineatus Elegans
Set. M 27 3/4
Coll. No. 339 b L.A. Co. Calif.
Local Los Angeles R. near Burbank
Inch Heavy
Collector Allen W. Miller
Nest In Large Cottonwood
Rem. in dense stand of willow. tree about 2 1/2 ft thick nest about 40-50' up. Poison Oak in a thick vine 2/3 way to nest. Nest Large thick Cooper 3 1/2 ft. across flat on top except for about 3"-4" hollow for eggs. Nest about 1 1/2' (deep) thick. Made of sticks 3/8" diam largest. Nest cup poorly lined a few green leaves some moss bark. Bird game, close, but when on could not be scared off. Found Apr. 16
Bird collected, Juvenile, Male not seen

Note similarity of Nest of Cooper Hawk

Order Raptores
Owls

N. Rio vulcanicus
Date March 18 1883
Sex. M & F
No. 366
Local Cacerita Canon Ariz Terr.
Eggs fresh to commence
Collector Allen Willey
Nest in side canon. Very
poor. Just made a rat nest.
Depression on one side only 6"
across and no depth. Out.
lined with feathers. Eggs very

Genus Otus
Sp. asio wilsonianus
Date March 18, 23
Setm 2/3
collno. 300
Local Florida Canyon Cab Obj.
Lucb. varying rich to light
Coll by Allen H. Miller
Nest in oak tree on north
side of canyon in
good of trees. Nest 30
ft up large limbs to
body trunk. Very well
built nest for this spec.
Young fledged out by
the 17th. Lined with fine
twigs, bark, leaves and
a few feathers. Mal
bird feeds young. Female did
not flush until 1/3 of tree.
Birds made up with
grass giving only a few
low notes. Birds seen
in this locality Feb 18.
Sp. Otus aikeni
Date May 18, 1923
Setm 3/3
collno 360
Local Florida Canyon Cab Obj.
Lucb. rich
Collr Allen H. Miller
Nest in side canyon south
dim. exposure. Cavity over
ruts nest 18 ft up. Bird flushed
only when rock hit nest. made no

Order Raptores

Owls — Family Bubonidae

N. Long-Eared Owl
Date Apr. - 1909
Set Mark 33/1 2nop
Gov. No. 366
Local. Riverside Calif.
Incb —
Coll. by L. M. Miller
Nest. —
Rem. given by L. M. Miller 1919

N Calif. Screech Owl
Date Apr. 10, 1920
Set. No. 75/3
Gov. No. 373 C
Local. Ave 60 Arroyo Seco L.A. Calif.
Incb. Fusty
Coll by Alden M. Miller
Nest in sycamore cavities lined chips
Rem. bird sitting eggs larger than set with 4 no. 88/4

N Calif. Screech Owl
Date May 28, 1920
Set No 88/4
Gov. No 373 C
Local in sycamore hollow hard dump bottom
Incb. commenced
Coll by Alden M. Miller
Nest ave 60 Arroyo Seco L.A. Calif.
Rem. bottom of hole previously cut open rock placed in hole before bird nested bottom of hole wet.

N Long Eared Owl
Date May 17, 1921
Set M. 25 ft
G.O.U. No. 366
Local. Los Angeles R. Burbank L.A. Co. Calif.
Incb. Stale
Nest. in broken crown willow at brink
Collby
Rem. on top of the stump some sticks. 2 young nest 7½ x 2 young not able to fly birds fairly dead and taken 15 ft young birds hopped and raised wings over back

N. Burrowing Owl
Date May 5 1921
Set M. 11 ft
G.O.U. No 378
Local Hemon Hills L. A. Calif.
Incb fresh
Nest burrow as usual fowlty destroyed
Rem by cow in from rain
Collby. Alden Miller

N Burrowing Owl
Date Apr 28 1919
Set M 4 ft
G.O.U. No. 378
Local Hemon Hills L.A. Calif.
Incb. Very Heavy
Nest In burrow 6 ft long adobe hillside
Coll by Alden Miller
Rem Eggs had to be taken from under bird nest lined feathers straw

Order Coccyges

Cockoos Family Cocculidae

n Road Runner
Date May 23, 1919
Set M 31/7 Inc p
AOU No. 385
Local Hemon Hills L.A. Calif.
Inc b Advanced
Nest large bulky 4 ft up in chaparral
Coll. by L. Huffman
Rem Nest burned deserted 4 eggs inc

n Road Runner
Date Apr. 1, 1920
Set M. 13 inc p
AOU No. 385
Local Palm Springs Calif
Inc b Fresh
Nest In choice cactus 3 ft up bulky
Coll. by Alden H. Miller
Rem. Found 4 days earlier
bird evidently deserted.

n Road-Runner
Date May 14, 1922
Set M. 35 4-7
AOU No. 385
Local Palm Springs Calif. Cols. Des Calif.
Inc b, fresh, slight, commenced, very heavy
Coll. by Alden H. Miller
Nest In a cholla cactus 2½ ft
Rem. up 14" across made of large
sticks poorly lined. Bird sat within 14 ft.
2 young in nest, 1 egg out of hatching. Others as given.

Picidae

N. Willow Woodpecker
Date May 8 1923
Set No. 14 3/5
Q.O.U. No. 394 e
Local Arroyo Seco L.A. Calif.
Sub commenced embryo just started
Collby Alden H. Milly
Nest in stub 8 ft up not measured.
Rem. There were three birds attending the nest apparently two females and one male. When the male bird would call the bird sitting presumably a female flew away to him meanwhile another sure female would come and partly enter and inspect the hole and would behave as the other bird. When the two other birds returned there would be a general fight and chase thru the trees all birds crying up. Then one would return to the nest and repeat this a somewhat somewhat similar process would reoccur later. On taking the set after the birds had deserted either from the hole cut in two days before the disturbance of frogs community quarrel it was found that two eggs were of a large type while three were

of a smaller rounder type.
This looks to be polygamy.

Order Pici

Wdpkers

N. Willow Woodpecker
Date 5-8-20
Set M. 9/2/5 3.75
G.O.U. No 394 e.
Local Los Angeles Rivr Burbank Calif
Incb light
Coll. by L. E. Hoffman
Nest In willow cav in diam.
Rem. rather small hole fine chips in bottom bird would not come out of the hole.

N. Willow Woodpecker.
Date May 28, 1921
Set. M. 34/1/4 3.00
G.O.U. No. 394 e
Local. El Monte L.A. Co. Calif.
Incb. heavy
Coll by Alden H. Miller
Nest in old willow stump rotted
Rem. for fence post 4½-5 ft up lined with sawdust bird sitting female bird, one egg found broken in nest. was dark and discolored. Hole dirty did not look new probably from last year

N. Willow Woodpecker.
Date May 3 1922
Set. M. 29/2/5 3.75
G.O.U. No. 394 e
Local. El Monte Calif.
Incb. fresh
Coll by Alden H. Miller
Nest in fence post almost identical
Rem. to set 37/5 about 5 inches up over

Nest cut open when there was three eggs plugged and bird continued bird had to be pulled off practically.

N. Nuttall Woodpecker
Date. Apr. 23, 1921
Set. M. 6 1/5
G.W. No 397
Local. Los Angeles R. Burbank L.A. Co. Calif.
Inc. commenced
Coll by Alden H. Miller
Nest in old willow stump very
Rem rotten wood 15 ft up
deep hole bird sat close. Young chicks
identity absolute, 1 stale egg

Order Pici, Picidae
Woodpeckers

N Red Shafted Flicker
Date 5/6/22 Colaptes cafer collaris
Sex M. 31/27
Coll. No. 413
Local. Mint Canyon "Oaks" L.A. Co. Calif.
Inc. fresh
Coll. by. Alden H. Miller
Nest in dead oak tree cavity 7 ft
Rim. deep limb very rotten
lined with chips ants on the
tree as usual.

N. Flicker northern
Date June 1, 1920.
Sex M. 8/3
Local. Spirit Lake Iowa
Inc. Fresh
Coll. by Ralph. Gratehouse
Nest 40 ft up in dead cottonwood
Rem.
Coll. No. 412a

Order Rei

Wd Pkrs Flickers Family Picidae

N. Red Shafted Flicker

Date May 18, 1919 60

Set M. 5 0/4

A.O.U. No. 413

Local Bogart Canon Yale mine L.A. Co. Calif.

Incb. Slight

Rem. Tree swarming with ants

Nest in hole going straight down from standing tree

Colby Alden Miller

one bad egg in nest, lined with (sawdust)

N. Red Shafted Flicker

Date 6/4/19 75

Set M. 6/3/5

A.O.U. No. 413

Local. Arroyo Seco Ave Cal Los An. Calif.

Incb. slight.

Colby L. E. Hoffman

Nest 50' ft up in cottonwood

Rem. nest 8" deep

discovered by pile of chips.

N. Red shafted Flicker

Date May 20, 1920

Set M. L.A. River bottom La Puente Calif.

A.O.U. No. 413

Local 84/5

Incb. Slight. 28 ft up

Nest Hollow entirely bored lined chips

Colby Alden Miller

Rem. eggs small than set of 4 no 5 0/4

Order Macrochires

Hummingbirds Family Trochilidae

n Blackchinned Hummingbird
Date June 6 1918
Set m 2 eggs
AOU No. 429
Local. Lake Elsinor & Corona Calif.
Incb. Fresh (Partially)
Nest small made of down lined with feathers
Colby & Willey
Rem Nest 8 ft up in oak

nest taken with others from same place

n Costa Hummingbird
Date March 27, 1921
Set. m. 5 1/2
AOU No. 430
Local. Tahquitz Canon Palm Springs Calif.
Incb Fresh
Nest In low ensilla bush 3 ft up
Colby, Alden Miller by E.N.M.
Rem. "Nest made of down and leaflets of ensilla (no lichens)

nest taken

n. Costa Hummingbird
Date Apr. 9 1922
Set. m. 2 1/2
AOU No. 430
Local. Tahquitz Canon Palm Springs Calif. Colby & Dent
Incb. commenced
Nest In ensilla bush over trail about
Colby Alden & Miller
Rem. 3" down from crown of bush
Nest rather poor covered with dry leaves on the outside. Nest collected

n Costa Hummingbird 1.30
Date Apr. 14 1922
Set M 24 f 2
A.O.U. No. 430
Local Palm Springs Colo. Desert. Calif.
Incb fresh
Coll by Alden H Miller
Nest in palo verde 5 ft up on
Rim. broken limb. Quail feathers
in nest.

n Anna Hummingbird
Date Feb 6 1923
set M. 1 f 3
A.O.U. No. 431 7.0
Local Los Angeles River, Burbank Calif.
Incb fresh
Collby Alden H Miller
Nest In horizontal crotch
of willow sapling 2½
diam at base. 1½ ft nest,
among cottonwoods and
willows in riverbottom
near stream nest 12 ft up.
Bird shot when nest taken. Bird present
and sitting 7 6 24 1 44

N Arkansas Kingbird
Date June 11 1923
Set. M. 49 3/3
Agents 447
Local Buena Vista Lake Kern Co Calif.
Incb slight
Coll. by Aldin F. Miller
Nest in willow crotch 15 ft up
built of twigs and cotton down
typical kingbird style but rather
poor for the species.
Birds typically excited

Order Passeres

Flycatchers Family Tyrannidae
n Arkansas King bird
Date June 13, 1920
Set M
A.O.U. No. 447
Local Bakersfield road Bakersfield Kern Co. Calif.
Inch commenced
Nest in small sycamore tree 6½,
Collby Alden H Miller
Rem. Nest very well hidden considering small size of tree

n Black Phoebe
Apr. 17, 1921
Set M, 12 ft
Local Los Feliz bridge, Los Angeles Calif.
A.O.U. No. 458
Sep of fresh
Nest hung in trace of bridge
Collby Alden H Miller
Rem! nest larger than usual well lined, nest collected by Fieldtown

n Black Phoebe
Date apr 12, ~~42~~ 1919
Set M 33/7 2nc
A.O.U. No. 458
Local Benner St near Ave 60 L.A. Calif.
Inch 7 rest
Nest made of mud under eave of barn
Collby Alden H Miller
Rem. 2nc ~~obs~~ only half set taken

Order Passeres

Family Tyrannidae

N. Wood Pewee
Date May 26, 1920
Set. m. 4/3
A.O.U. No. 462
Local Renner St near Olive LA Calif.
Incb Fresh
Nest in sycamore about 30 ft upon split limb
Coll by Alden Miller (easily noticed from below
Rem. bird flew and snapped with beak when near nest. (other nests hard to find.)

X N Olive sided Flycatcher
Date July 20, 1920
Set m. 4/1 Incp
A.O.U. No 469
Local. Mouth of Glen Alpine Creek Tallac Lake Tahoe Cal
Incb Stale
Nest In fir tree 25 ft up 3/4 of tree of twig rootlets
Coll by Alden Miller
Remarks. Nest shallow cup. nest well concealed and small bird flew at and snapped. 2 young in nest.

N. Trail Flycatcher
Date June 27 1920
Set m 1/0
4
A.O.U. No. 466
Local. Near Merced R. Yosemite Valley Yosemite Calif.
Incb. Fresh
Nest in willow clump on sand bar.
Coll by Alden Miller
Remark Nest very well made deep cup. Measures 2 ft long on bottom of shreds of bark lined down outside with

Order Passeres

Family Tyrannidae

N. Traill Flycatcher
Date July 9 1921
Set. M. 5 1/4
A.O.U. No. 466
Local. Yosemite Village Calif.
Incb. commenced
Coll. by Alden H. Miller per H.M. Jr.
Nest in willows in a gulch
Rem. sit up old nest rebuilt
made of plant fibers strawy on
bottom.

N. Sayornis saya
Date Apr. 10 1922
Set. M. 23 1/4
A.O.U. No. 457
Local. Indian Wells Colo. Desert Calif.
Incb. fresh
Coll. by Alden H. Miller
Nest (at Cook's Date Gardens) under
Rem porch on beam. Compact of
hair mud. feathers etc. well lined.
Nest Collected.

N. Sayornis nigricans
Date Apr. 15 1922
Set. M. 26 1/4
A.O.U. No. 458
Local. El Monte L. A. Co. Calif.
Incb. Advanced
Coll. by Alden H. Miller
Nest (as usual) but rather well
Rem. lined some bark under
old outhouse at dairy 12 ft up.

N. Sayornis nigricans
Date May 12 1923
Set M 15 A 3
Agency 458
Local. El Monte Calif.
Incb fresh
Collby Alden Miller
Nest under low bridge over ditch
Rem. 1½ above water. Unmarked set. Nest as usual but rather small

N Empidonax Wrightii
Date May 31 1922
Set M 5 A 3
Agency No. 469
Local. Mt Pinos Kern Co. Calif.
Incb. fresh
Collby Alden H. Miller
Nest In wild lilac 3 ft up in plain nest
Rem. on a hillside at 7.500 Alt.
Nest collected, composed chiefly of inner bark of elderberry bush lined with a few feathers and smaller bark fibre

Order Passeres

Family Corvidae

N Calif. Jay.
Date Apl. 17, 1921
Set. M 4/3 complete
A.O.U. No 481
Local. Mimon Hills Los Angeles Calif.
Incs. Fair
Nest. in oak 5 ft. rather large nest
Coll. by Alden Milly
Rem. Nest near old last year nest in which was collected No 50 A.M.

N Calif. Jay
Date Apl 17 1919
Set M. 3/2 inc
A.O.U. No 481
Local. Cajon Pass above Ranger Sta. S.B.Co.
Incs. Fair.
Nest in Chaparral 4 ft well hidden
Coll by Alden Milly
Rem. Nest bulky made of sticks roots hair. Set not finishing

N Calif. Jay
Date Apl. 16, 1920
Set. M 4/4
A.O.U. No. 481
Local. Near cor. Arroyo Seco Los Angeles Calif.
Incs Heavy
Nest rather large nest for Jay in open clearing
Coll by Alden Milly
Rem. Nest in conspicuous place on hillside very well marked eggs.

N. Calif. Jay
Date Apr. 23 1920
Set M. 8/4
Ollo. 481
Local. Eucalyptus grove, Hunon Los Angeles Calif.
Incb. Just commences
Nest. In oak 20 ft. in bushy spot well concealed.
Coll by. Alden Miller
Rem. One egg has the dark spots on small end unlike all the others. This egg was laid about three days after set of set incubation not incb.

N. American Raven
Date March 21, 1921
Set M. 1 1/2
Ollo 486
Local. Near Avalon Santa Catalina Is Calif.
Incb. Slight
Coll. by Alden H. Miller
Nest on chimney of sea cliff in pot hole
Rem (rope used) 100 ft up. Nest 3 by 1 cinch but 1 ft across lined with manure, hair, old cloth foundation of 1/4"-1" sticks. 1 egg spotted on wrong end
Las C. Jay Jr. 30/4

N. Calif. Jay
Date May 10/20
Set M. 13 2/3
Ollo. 481
Local. Arroyo Seco Ave 60.
Incb fresh
Coll by A. C. Hoffman
Nest in oak made of twigs horsehair
Rem 10 ft up.

Corvidae

N. Corvus americana hesperis
Date Apr. 15, 1922
Set M. 25 f 2
A.O.U. No 488 (Calif) hesperis
Local. El Monte L.A. Co. Calif.
Incb. advanced
Coll. by Alden H. Miller
Nest in alder tree in grove in
Rem. riverbottom, 25 ft up revised
old nest, outer part sticks lined
with inner bark chiefly. Cup
about 6-8 inches deep 8-10" across
whole nest 27 inches across
Bird did not leave till stick was
thrown at nest.

N. Corvus American h.
D. Apr. 29 1922
Set M. 28 f 3
A.O.U. No. 488
Local. El Monte L.A. Co. Calif.
Incb. fresh complete
Coll by Alden H. Miller
~~Coll~~
Nest as set 25 f 2/5 488 probably
Rem. a repeat / Bird did not
flush until tree was climbed

N. California Jay
Date Apr 20 1923 Set M 12 f 3/5 A.O.U. No 481
Local. Arroyo Seco, Los Angeles Calif.
Incb heavy Coll. by Alden H. Miller
Nest in bullock and poison oak
7 ft up in overhanging growth. Nest
typical pine basal sticks. Bird sat
close and made no noise until nest
was touched. Nest in oak grove of Santa Fe Hill

Family Icterida Passeres

N. Dwarf Cowbird
Date June 18 - 1919
Set M. 19/7
Local Arroyo Grande Co
A.O.U. No 495a
Collby L. E. Hoffman
Ineb fresh
Nest in greenback goldfinch nest
Rem. in willows

Name Tri-colored Red-Wing
Date May 5
Sets. Mks. 28/3 30/3 31/3, 32/3, 33/3
A.O.U. No 500 34/3 / 35/3
Local Buena Vista Lake Calif.
Ineb fresh or very slight
Collby. A. J. Van Rossem for A.H.M.
Nest made of straw and grasses well built and deep. In a large colony

N. Yellow-headed Blackbird
Date June 10, 1923
Set. M 46/4 47/4
A.O.U. No 497
Local Buena Vista Lake Kern Co Calif
Ineb 46 — advanced 47 dried-fresh
Collby Alden H. Miller
Nest of grass in tule strip 2 mi from shore. Nest in upright flags many scattered pair.

Family Icteridae Order Passeres

n. Dwarf Cowbird 495a
Exp. See Green backed Goldfinch
n ~~Bi colored~~ Red Wing Blackbird
Date Apr. 10. 1920
Set m. 10/5
A.O.U. No. 499
Local. Silver Lake Los Angeles Calif.
Incb. Slight
Collby. Ralph Grathouse
Rem. Nest in tules off up
Nest in separate colony

n. San Diego Red Wing Blackbird
Date Apr. 5 1920
A.O.U. No. 498 e
Set m. 9/3
Local. Silver Lake Los Angeles Calif.
Incb. Fresh
Collby Ralph Grathouse
Nest in grass near water
Rem. in large colony

I

n San Diegan Red Wing Blackbird
Date Apr. 27 1919
Set m. 4/3
A.O.U. No. 498 e
Local. Cheviot Hills L.A. Calif.
Incb. Advanced
Nest in ~~reeds~~ mustard stalks near ditch
Coll. by Allen Philly
Rem. nest compact made of grass
one defective egg

N. ~~Sayornis nigricans~~ Red Wing Blackbird
Date May 3 1919
Set No. 42/4
Coll No. 498 E/1
Local. Mayer Slough Los Angeles Calif.
Inc. Commenced
Nest over water in dock 1½ ft up very compact nest
Collector Allan B. Miller
Rem. Nest almost as strong as basket.

N. Tri Colored Red Wing Blackbird
Date May 3/1920
Set No. 93/5
Coll No. 500
Local. Rio Hondo River Bottom near Lynwood Los Calif
Inc. commenced
Nest at 10 ft in willow grove about 10 ft high
Collector Allan B. Miller
Rem. nest of grass egg more streaked than those of Mr. D. R. W. Elliot.

N. Western Meadow Lark
Date March 9/1920 on 50 year record
Set No. 66/4
Coll No. 501.1
Local Hermon Hills above Eucalyptus Grove Los Angeles Calif.
Inc. Just
Nest 4" wide "dug" grass covered partly over
Collector Allan B. Miller
Rem. Bird flushed 3 ft away. Eggs very long large spots.

Order Passeres

Family Icteridae

N. Western Meadowlark 100
Date 3-20-20
Set. M. 7/2/5 18
A.O.U. No. 501.1
Local. Hermon Hills L.A. Calif.
Inch. fresh
Nest on ground in grass covered with
Collby grass, nest well cupped
Nest collected by L.E. Hoffman and Alden Miller
Rem.

N. San Diegan Red Wing 30
Date Apl. 27, 1919
Set. M. 14/2/5
A.O.U. No 498 E
Local Hermon hills L. A. Co. Calif.
Inch advanced
Collby. L.E. Hoffman
Nest built of grasses supported
Rem. on mustard and dock 2' ft up
good grass basket well hidden
(In ditch)

8.75

N Scott Oriole
Date May 6 1922
Set. M. 30 2/5 unusually large set
G.O.U. No. 504
Local Palmdale Cal. Mojave Desert
Inc. fresh
Coll. by Alden H. Miller
Nest in tree yucca 12 ft up on
Rem. under side of terminal
clump of a side branch very
well protected and hard to get at. Alive
tree. Nest and female taken.

N Scott Oriole
Date May 29, 1921
Set. M. 36 1/3
G.O.U. No. 504
Local. Lancaster Mohave desert Calif.
Inc. fresh
Coll. by. Alden H. Miller
Nest in tree yucca fully on underside
Rem. of trunk made of fibres of same
yucca but no much lining.
bird shy male female not collected. Other nest had young

N. Arizona Hooded Oriole
Date May 30 1921
Set. M. 37 1/3
G.O.U. No. 505 a
Local. Mint Canon
Inc. commenced
Nest in Sycamore tree same tree
Coll. by as Bullock no 38 1/5 on under
Rem. side of big limb in clump of
leaves made of fibre resembling
palm fibre prob yucca

Order Passeres

Family Icteridae

N. Abig. Hooded Oriole 1.00
Date June 9, 1920
Set. No. 94/3
A.O.U. No. 505a
Local 2½ and ash St. L.A. Calif.
Inch Fresh
Nest in fan palm 10 ft up 3 ft from trunk
Coll by Alden H. Miller
Rem. in clump of leaves
nest of fibers.

nest collected pictures taken

N. Bullock Oriole 1.00
Date. May 30, 1921
Set. No. 38 4/5
A.O.U. No. 508
Local. Mint Cañon L.A. Co. Calif.
Inch just started
Coll by Alden H. Miller
Nest 35 ft. in sycamore in clump
Rem. of leaves hanging not as
thick a nest as no 5 1/2

N. Bullock Oriole
Date May 18, 1919
Set. No. 5 1/2 one
A.O.U. No. 508
Local Bouquet Cañon Talc Mine L.A. Co. Calif.
Inch Fresh
Nest in oak 10 ft up out on end of branch
Coll by Alden H. Miller
Rem. made of fibre from
cottonwood trees.

Nest taken

N Brewer Blackbird 30
Date Apr 12, 1920
Set No $\frac{76}{3}$
AOU No. 510
Local Ave 60 Los Angeles Calif.
Incb Fresh
Coll by Alden Miller
Nest in cypress tree 25 ft compact nest
Rem inside of wreck glass strings etc.

N Brewer Blackbird
Date Apr 22, 1920
Set No. 79 inc.
AOU No 510
Local Ave 60 Los Angeles Calif.
Incb Fresh
Coll by Alden Miller
Nest in acacia st. tree 25 ft up nest firm well made
Rem only two eggs for long time
Left a taken for the N.G.

N Brewer Blackbird
Date May 22, 1920
Set No. $\frac{55}{4}$ $\frac{55}{2}$ inc 2 destroyed by mice
AOU No. 510
Local West Glendale LA Co Calif.
Incb Stale
Coll by Alden Miller
Nest in cypress 20 ft made mostly of manure
Rem one fresh light colored
egg very stale with others.

Order Passeres

Family Icteridae

N Brewer Blackbird
Date July 5, 1928 ,60
Set M 12/6
G.O.U. No. 510
Local Windsor Square L.A. Calif.
Incb Fresh
Colby Ralph Gratthouse
Nest in cypress 20 ft up
Rem.

N

N. Brewer Blackbird
Date Apr. 16, 1921 ,40
Set M. 10/4
G.O.U. No. 510
Local Burbank Los Angeles Calif.
Incb Fresh
Colby Alden Miller
Nest in eucalyptus 25 ft up
Rem

N Brewer Blackbird ,50
Date Apr. 23, 1921
Set M 14/6
G.O.U. No. 510
Local. West Glendale L.A. Co Calif.
Incb. advanced
Colby Alden Miller
Nest in cypress tree in colony
Rem. made chiefly of manure

N. Bunor Blackbird
Date Apr. 23 1921
Set M. 15 H 1 inc
G.P.U. No 5 10
Local. West Glendale
Inch Cash
Collby Alden Phillips
Nest in cypress tree 2 ft up
Rem. colony nesting

Order Passeres

Finches Family Fringillidae

C. P. Frisch

N. Calif Linnet
Date March 21, 1921
Set M. 12/2/4
A.O.U. No. 519
Local Palm Springs Riverside Co. Calif
Inch. high
Collby Alden D. Miller
Nest in cholla cactus 3 ft made
Rem of grasses lined with cottonwood down.

Order Passeres

Finches Family Fringillidae

N House Finch, (Linnet)
Date Apr. 16, 1919
Set-m. 35
A.O.U. No. 519
Local. Hesperia Calif.
Incb Heavy
Coll. by Allan Miller
Nest in the yucca small made of grass stump etc.
Rem. incb ~~39~~ heavy 2 broken one broken latter.

N. House Finch (Linnet)
Date March 30, 1920
Set-m. 7/4
A.O.U. No. 519
Local. Palm Springs Calif. Colorado Desert
Incb Fresh
Coll. by Allan Miller
Nest 3 ft up in choya cactus, roots, grass etc
Rem. a great many linnet nests all through the choyas

N. House Finch. (Linnet
Date Apr. 1, 1920
Set-m. ~~7/1~~ 7/5
A.O.U. No 519
Local Palm Springs, Calif.
Incb graded first fish up to slight incb
Coll. by Allan Miller
Nest In choya cactus 3 ft good nest
Rem. Nest taken

N. Calif. Linnet
Date May 1, 1921
Set. M. 19 1/4
A.O.U. No. 519
Local Laguna Beach
Inch. Stale
Coll by Aldus H. Miller
Nest in eucalyptus 20 ft up
Rem. deserted.

Willow Goldfinch

N. Greenbacked Goldfinch and Dwarf Cowbird
Date May. 30, ~~1920~~ 1919
Set. M. 5 7/5
A.O.U. Nos 495a 530a
Local Arroyo Seco ~~below~~ ave 60. Los Angeles Cty.
Inch. ~~Heavy~~ especially in cowbird
Coll. by Aldus H. Miller
Nest in willows young 6 ft up, cowbird egg
Rem. in center crowding others out to the mother bird very much excited. Nest made of down (collected). Cowbird egg proably laid first
N. Greenbacked Goldfinch (or inch. faster)
Date May 23, 1920
Set. M. (8 6/4) 8 6/2 destroyed by mice in summer
A.O.U. No 530a
Local Hayes Ave near 6000, Los Angeles Calif.
Inch. Fresh
Coll. by Aldus H. Miller
Nest In acacia tree 15 ft. nest small willow
Rem. nest collected.

Order Passeres

N. Gunbacked Goldfinch
Date Apr. 24, 1921
Set M 14/4
C.D.U. No. 530 a
Local 6066 Hayes Ave Los Angeles, Calif.
Incb. very slight
Coll. by Alden H. Miller
Nest in camphor 12 ft up on tip of
Rem. limb very well built cup
not collected slightly larger than that of Lawrence
Goldfinch of 5, well lined

*N. Willow Goldfinch
Date 5/7/22
Set. M. 33 2/4 and 34 2/5
C.D.U. No. 529 b
Local. Anaheim Landing, Orange Co. Calif.
Incb. 33 2/4 slight 34 2/5 fresh
Coll by. 33 2/4 found by S.M.; Coll. by Greathouse
Nest 33 in willows made of plant down
Rem. 34 in tules nest itself similar.

B Lawrence Goldfinch I, 50
Date May 1, 1921
Set M 18 ft
Coll No. 531
Local. Laguna Beach Arroo canon O.C.Co
Incb fresh
Coll. by Alden Miller
Nest in cypress, (large) out on long limb
Rem. 11 ft up on tip of limb
nest collected

N English Sparrow
Date July 17 1920
Set M. 15 ~~A~~
Coll No. ——
Local. Venadita Ranch Modoc Calif.
Incb. slight
Colby Alden Miller
Nest globular made of hay lined
Rem. with feathers ~~turned~~ on one
side placed on rafter in cattle barn

Order Passeres

Gold Finches, Sparrows Family Fringillidae

N. Lawrence Goldfinch
Date Apr. 17, ~~1920~~ 19
Set M $\frac{3}{2}$
AOU No 531
Local Hoperia Calif.
Incb Flesh
Coll by Alden B Miller
Nest In cypress 8 ft well made and cupped

Rem Set Not finished nest similar to Greenwacked Goldfinch

N English Sparrow
Date July 5 1919
Set M. $\frac{6}{5}$
AOU No ——
Local. Modesto Calif. Venadia Farm
Incb Fresh
Coll by Alden B Miller
Nest very bulky entirely closed except for tunnel in side made
Rem. of hay straw, In old pigeon hole on side of barn

N English Sparrow
Date July 17, 1920
Set M $\frac{6}{5}$
AOU No ——
Local Modesto Calif. Venadia Farm
Incb Fresh
Coll by Alden B Miller
Nest In windmill tower between window slats built of hay
Rem. only small hole on side for entrance

1A-5 Sparrow

N. Belding sparrow
Date May 15, 1921
Set. M. 2 4/3
Local. Anaheim Landing Orange Co. Calif.
AOU No. 543
Inc b. just commenced
Coll. by Alden Miller
Nest. in salt grass covering region
Rem. down in grass made of grass stems well lined. Only method of finding by scaring bird off close to. Bird common but shy will not return to nest. See next Page

N. Western Lark Sparrow
Date March 30, 1928
Set. M. 0/4
AOU No. 552a
Local. Palm Spring Colorado Desert Calif.
Inc b Fresh
Coll. by Alden Miller
Nest made of grass well put together. Would not have found unless bird Rem: had not flown. (Collected)

N White Crowned Sparrow
Date July 10, 1920
Set. M 4/0 1 inc.
AOU No. 554
Local. Lake Tenaya near Lodge Yo Nat Pk Calif.
Inc b Stale
Coll. by Alden Miller
Nest off up, large (size of Mockingbird) made of horse hair grass etc. roots.
Rem. The young trees 3 ft high seem to be best liked; bird get excited
Nest in meadow in small Tamarack Pine

Order Passeres

Sparrows Family Fringillidae

Second of preceding page

N. Belding Sparrow 3.00
Date May 18, 1921
A.O.U. No 543
Local. Anaheim Landing, Orange Co. Calif.
Set M. 27 4/3
Incb. fresh
Collr. Alden H. Miller
Nest as 26 1/3 exactly
Rem. bird did not stick so close.

N. Belding sparrow 3.00
Date May 18, 1921
Set. M. 40 4
A.O.U. No. 543
Local. Anaheim Landing Orange Co. Calif.
Incb. very heavy
Collr. Alden H. Miller
Nest as nos 26 and 27 1/3 exactly
Rem. bird stuck to one ft. first nest found nest collected

N. Western Chipping Sparrow
Date June 17, 1921 40
Set. M. 43 1/4 (reversed)
A.O.U. No 560 a
Local. Yosemite Village Calif, U.S.A.
Ind. fresh
Coll. by Alden Miller per D.H.M. Sp.
Nest in low bush, nest lined
Rem. with horse hair, as usual,

N. Sierra Junco Thurber
Date June 21, 1921
A.O.U. No. 567 c
Set. M. 50 1
Local. Yosemite Village Calif
Ind. Stale
Coll. by Alden Miller
Nest on ground deep cup
Rem. close to tent
lined with grass & young

Sparrows Towhees

N. Spizella breweri
Date May 29, 1922
Set. M. 42 ~~E~~
AOU No. 562
Local. Mt Pinos Kern Co, Cal on Mt. Calif.
Ineb. fresh (absolutely complete)
Coll by Alden H Miller
Nest ✓ in Artemisia tridentata
Rem. on plateau 6000 ft covered with same on the north east side of Mt. 16" from ground. Bird flushed at 2' nest not well concealed made of fine twigs grass lined with squirrel fur. Nest collected

Ti. Thurber Junco
Date May 30/1922
A.O.U. No. 567c
Set. M. 49/2/3
Local Mt Piños Calif. (Kern Co)
Incb. Commenced
Collby Aldrich Mailly A.J.U.R.
Nest in bank on north slope of
Kern Mt. nest in about 6" entirely
concealed in a burrow alt 7500
Bird flushed, Nest taken made of grasses

Order Passeres

Sparrows - Towhees Family Fringillidae

n Western Chipping Sparrow
Date July 4, 1928
Set M ~~3/2~~ 3/2
A.O.U. No 560a
Local Near Yosemite Village Yosem Nat Pk Cal
Incb Commenced
Coll by Alden Miller & RM SP
Nest In Black Oak lined with
Rem. hair small neat stick platform
in very plain site over road
sift up one ~~pair~~ added egg with other 2

n. Sierra Junco
Date June 20, 1921
Set. M. 45/1/5
A.O.U. No. 567e e
Local. Yosemite Calif.
Incb. Fresh
Coll. by Alden Miller, per RM SP
Nest on ground in meadow 8 inch
Rem. grass nest 3+ inches diam.
partly under driftwood and leaves

n Junco, Sierran
Date July 5 1920
Set M ~~4/0~~ 2/0 inc.
A.O.U. No 567e
Local Yosemite Village Yosemite Nat Pk Calif.
Incb Fresh
Coll. by Alden Miller & RM SP
Nest in camp ground under clump
Rem: of grass well cupped made
of grasses.
See Yos. N.B. for Special Note

N. San Diegan Song Sparrow
Date May 7 1921
Set m. 22 1/4
G.O.U. No. 581 m
Local. El Monte. L.A. Co Calif.
Incb. medium
Collby Alden H. Miller
Nest in dock over water 1½ above water
Rem. nest wet from rain made of grasses one egg down under lining.

N San Diegan Song Sparrow
Date May 24 1919
Set m 5/3
G.O.U. No. 581 m
Local Nigger Slough La Angeles Calif.
Incb Very Slight
Collby Alden H. Miller
Nest in dock patch near water ft up swampy ground nest well cupped
Rem made of weeds swamp grass etc.

N Spurred Towhee
Date June 5, 1919
Set. m. 5/4
G.O.U. No. 558
Local Arroyo Seco Live Oak Los Angeles Calif.
Incb Fresh
Collby Alden H. Miller
Nest on ground in tall weeds poorly built made of inner bark strips.
Rem. Bird not as pitted as incb. but I have found Towhees nest with young (found built in grape vine)

Order Passeres

S Sparrows

11 Spotted Fox Sparrow
Date May 28, 1922
Set. M. 4 of 2/3
A.O.U. No 585-d
Local. Mt. Pinos Kern Co. Tejon Mts. Calif.
Incb. 3½ days incb / commenced / slight
Collr. Allen H Miller
Nest In deep canon on north east side of mt.
Rem. Snow 200ft above Alt 6.500. Nest on south sid of canon. In a wild lilac clump under base of branch sunk in the ground. About 3' ft from the edge of bush. Nest composed bark (inner) twigs and grass

(over)

sunk about 2½ inches. Bird did not fly until bushes hit, and then made little fuss. 1 egg green type 2 red type green laid first. Nest found May 22 by W M Pierce
Nest on a slight slope of grass.

N. Stephens Fox Sparrow
Date May 28, 1922
Set M. 44/3
A.O.U. No. 580d
Local Mt. Pinos Kern Co. Calif.
Incb. very slight
Coll. by Alden H Miller
Nest In a wild currant patch
Rem. in a meadow alt 8,300 ft on the north east side of peak snow bank near by. Clump of bushes 6' x 8' ft low growing. Nest on the ground on a slight slope on the under side of the main bush trunk and over hung by a limb of the bush
Nest collected similar to 40/3.

Y San Diegan Towhee + Cowbird. D
Date May 12 1923
Set M. 16/3
A.O.U. No. 588d
Local El Monte Calif.
Incb slight
Collby Alden Miller
Nest of bark and leaves in
Rem a clump of brush 6 in off ground. Bird flushed.

Order Passeres

Sparrow-Towhees Family Fringillidae

N. San Diegan Song Sparrow
Date May 5/3/19 40
Set. M. 58/m
G.O.U. No 3/2/3
Local. Nigger Slough. L.A. Co Calif.
Incb. fresh
Coll. by L.E. Hoffman
Nest 1 ft up in nettles and tules
Rem. nest made of grass etc.
Bird left nest going under neath bushes
and appearing at a distance.

N. San Diegan Song Sparrow
Date May 30, 1919
Set M. 16/3 41
A.O.U. No. 581 m.
Incb. fresh
Coll by. L.E. Hoffman.
Local Vernon Hills L.A. Co. Calif.
Nest in clump of nettles 1 from
Rem. ground. Made of grasses
nettle leaves and bark shreds.

Name Heermann's Song Sparrow
Date July 7 1922
Set M. 83/3
A.O.U. No. 581 e
Incb. fresh
Coll. by Alden H. Miller
Local Buena Vista Lake Kern Co Calif.
Nest in low willow thicket Made
Rem. plant stems grass and
stems with stick platform
4 ft. up.

N. Spurred Towhee S. D.
Date 6/1/19
Set M. 15 2/4
A.O.U. No. 588 d
Local. Arroyo Seco Los Angeles Calif.
Inch. fresh
Coll by S. E. Hoffman
Nest under logs and drift wood
Rem. on ground well concealed
nest made of grapevine bark
leaves etc.

N. Sacramento Towhee
Date June 21, 1921
Set. M. 47 1/4
A.O.U. No 588 sacramento
Local. Yosemite Village Calif.
Inch. Commenced
Coll by Alden H. Miller per L. W. Sg.
Nest in willow tree 15 ft up
Rem. in crotch very deep cup
typical material bark twigs etc
Incubation below rim of nest when
sitting
N. Sacramento Towhee
Date July 6 1921
Set M 55 1/2 inc.
A.O.U. No 588 sacramento
Local. Yosemite Village
Inch fresh
Coll by Alden H. Miller
Nest 2 ft up in azalia clump
Rem. usual type nest contents
personal repeat of 47 1/4 other set of eggs

Order Passeres

Towhees - Grosbeaks Family Fringillidae

N. Spurred Towhee S. D.
Date May 31 [redacted] 1919
Set. M. 5/8 fine
A.O.U. No. 588 c
Local. Near 6066 Hayes Ave L.A. - Arroyo Seco Calif.
Inch Very heavy
Coll. by Alden H. Miller
Nest on ground in slope of ravine made
Rem. of fine roots & thick shreds
poor nest 3 eggs broken in blowing the
3 saved slightly colored and rounder than
others, similar eggs in other Towhees set

N. Anthony B. Towhee
Date 4/16/19
Set M. 10 3/4
A.O.U. No 591.1a
Local Ave 60 L. A. Calif.
Inch fresh
Coll by Mrs. Julian for L. L. Hoffman
Nest in logical tree not much
Rem. of strips of paper lined with
twigs, Set 8 1/4 same place and almost
identical not although this set
N. Anthony Towhee
Date May 1, 19[redacted]17
Set M. 4/3
A.O.U. No 591.1a
Local Hermon Hills Los Angeles California
Inch Fresh
Coll by Alden H. Miller
Nest in small planted pine tree 5 ft up
Rem. lined with hair stick and
twig platform.

N Anthony Towhee
Date Apr. 20, 1920
Set M. 81/4
C.O.U. No. 591 La
Local. Berner near co Arroyo Seco L.A. Calif.
Incb Commenced
Coll by ~~Alb~~ Hoffman for Alden Miller
Nest made of bark strips & lined hair
Rem in logical fire. Next made of paper year before and in exact location of this year

N. Black Headed Grosbeak
Date May 4, 1919
Set. M. 46/4
C.O.U. No 596 —
Local Arroyo Seco near South Pasadena La co Calif.
Incb Slightly incubated
Coll. by Alden H. Miller
Nest 75 ft up in oak tree small fair nest
Rem. ~~Leg~~ Stick wing exists
nest found in willow

N. Black Headed Grosbeak
Date May 29, 1920
Set. M. 91/1 inc
C.O.U. No. 596 —
Local Arroyo Seco at Ave 60 Los Angeles Calif.
Incb Slight
Coll. by Alden H. Miller
Nest in willow 7 ft up slender tree
Rem frail nest of slight twigs
after young left old egg found covered with mite or bugs.

n Aeronautica chlorura
Date 5/29/22
Set. M 45 3/4
A.O.U.N. 593
Local. Mt. Pinos Kern Co. Calif.
Incb. 3 fresh / incb. slight
Collby (C. Lamb) for L.W.M.
Nest In top of Nevada sagebrush
Rem. uncovered on sagebrush plateau, bird flushed, nest about 2 ft up
Nest collected made of twigs lined with fine rootlets hair and some grass.

Order Passeres

Grosbeaks - Buntings family Fringillidae

N. Black Headed Grosbeak
Date May 13 1921
Set M. 24 1/1
G.O.U. No. 596-
Local. L.G.K near Burbank L.A. Co. Calif.
Incb. very heavy 4 in nest 3 broken
Collby Alden Milly
Nest in willow 15 ft up could
count eggs through bottom nest as usual
male bird sitting

N. Black Headed Grosbeak
Date May 23 1924
Set M. 32 1/3
G.O.U. No. 596-
Local. Garvanza Arroyo Sec L.A. Calif.
Incb. fresh
Collby Alden & Milly
Nest In willow 8 ft up male sitting
Rem. latter female sitting could
not see through bottom of nest.

N. Black Headed Grosbeak
Date 5/9/19
Set M. 4 3/4
G.O.U. No. 596-
Local. South Pasadena Calif. (Arroyo Sec
Incb. advanced
Collby Alden & Milly, for L.E.M.
Nest in willow 12 ft 15 up
Rem. Birds made "fuss"

N. Western Blue grosbeak
Date June 3, 1923
Set M 36/3/2 inc, broken in plowing
A.O.U. No. 597a
Local Riverside Santa Ana R. Calif.
Inc. Pipped
Nest in wild tobacco in rather
Collby Alden H. Miller
plain sight. Bird flushed
Nest Collected; well made of
pepper grass and rootlet. Mole bird collection

N. Lazuli Bunting 40
Date. May 24 1921
Set. M. 33/1/2
A.O.U. No. 599
Local Vermon Hills L.A. Calif.
Inc. very heavy
Collby Alden H. Miller
Nest in old man sage bush 3 ft. up
Rem. very well made nest collected/
3 eggs one had fall & broke ~~[illegible]~~ on
handling.

N Lazuli Bunting
Date May 20 1922
Set. M. 36/3/3 Complete
A.O.U. No. 599
Local. 6066 ~~Hays~~ Ave L.A. Calif. Always Sets
Inc fresh
Coll by. Alden Miller
Nest In black berry vines
Rem. very well made of grasses
bark fibre ~~spider web~~. etc
Nest Collected.

Order Passeres

Swallows Family Hyrundidae

N. Cliff. Swallow
Date May 10, 1920
Set. M. $\frac{82}{4}$
G.O.U. No. 612
Local Herman Hills ~~on~~ Los Angeles Calif.
Incb Fresh
Coll. by Aldin Milly
Nest. Rem. Nest ~~on~~ in old barn mud plastered into bottle shape nest no lining eggs layed on hard mud a great many nest among rafters etc

N Cliff. Swallow
Date May 11, 1920
Set M. ~~4~~ $\frac{83}{3}$ Fresh
G.O.U. No. 612
Local Herman Hills Los Angeles Calif.
Incb Fresh
Coll. by Aldin Milly
Nest in old cow barn ~~nest exactly~~
nest exactly as $\frac{82}{4}$
Rem.

N. Cliff Swallow
Date $23\frac{1}{3}$
Set M May 15, 1921
G.O.U. No. 612
Local Herman Hills dairy Los Angeles Calif.
Incb commenced complete set.
Coll. by Aldin Milly
Nest in barn low down 15 ft. many
Rem. nesting large colony nest as usual
no lining

Name Barn Swallow
Set M. 95 1/2
Date July 11 1922
A.O.U. No. 613
Local. Buena Vista Lake Kern Co Calif
Incb fresh - dried and deserted
Collby Alden H Miller
Nest Mud cup used many
Rem. times before as undisturbed to the feather lining many scales were found. a great many lairs
Nest under Kern Bridge

N. Barn Swallow 30
Date June 15, 1921.
Set M. 41 1/3 c.
A.O.U. No. 613
Local. Chowchilla Calif. near Madera
Incb. Fresh
Coll. by Alden H Miller
Nest Similar to Black Phoebe
Rem. built under railroad bridge made of plastered mud lined with feathers. Bird sitting Large colony nesting.

Name Barn Swallow
Date July 7 1922
Set M. 82 1/4
A.O.U. No. 613
Local. Buena Vista Lake Kern Co Calif
Incb fresh but partially dried
Collby Alden H Miller
Nest Under river bridge like
Rem. phoebe except lined with feathers about 15 pairs nesting

at time of collection nest 6½' above water

Family Hirundidae

Name Tree Swallow
Date May 19 1923
Set. M 17 $\frac{3}{2}$ inc (Sub cance)
A.O.U. No. 614
Local El Monte, Calif.
Incb Very heavy 2 ~~[illegible]~~
Coll by. Alden H Miller
Nest in willow 25 ft up.
in top of dead stub in old
flicker hole. Large cavity well
lined with feathers (mostly
white chicken). Birds sat
only for short intervals, Stub
very rotten
Name Tree Swallow
Date May 19/23 Set M. 18 $\frac{3}{2}$ inc
A.O.U. No. 614 Incb fresh
Local El Monte Calif
Collby Alden H Miller
Nest in willow stub small
whole 30 ft up hard wood
near hole but tree dead ~~[illegible]~~ incomplete

11. Rough Winged Swallow
Date June 11, 1922
Set. M. 53/2
Coll. No 6/4
Local. El Monte L.A. Calif.
Incb commenced
Coll. by Alden H. Miller Ident (same) birds collected
Nest In sand bank perpendicular
Rem part only 3 ft but 10 ft tales.
In hole dug by bird but partly
blocked up at entrance size of
hole about 2" - in diameter 2' back
nest in ~~at~~ enlarged space in ~~rear~~ at
end composed of grass leaves and rotten
~~wood~~ very poorly made. Bird flushed after
being dug out and eggs taken. Not collected

Order Passeres

Waxwings Phainopeplas Family Ampelidae

N. Phainopepla
Date 3/29/20
Set M. 8/3
AOU No. 620
Loc. Palm Spring Riverside Co. Calif.
Inc. slight.
Colly L. E. Hoffman
Nest small, made of bark fibre
Rem. of mesquite in mesquit bee
mang nesting.

N. Phainopepla
Date June 23, 1919.
Set. M. 60/3
AOU No. 620
Local Cove 61. Los Angeles Calif.
Inc. Fresh
Colly Gilbert Miller
Nest small, made of fibre from twigs or
Rem. Nest in crotch of pepper tree 20 ft up
made to resemble knot, gray color
nest apparently did not stay nest building
Nest Taken

N. Phainopepla
Date March 29, 1920
Set. M. $\frac{68}{2}$ $\frac{68}{3}$
G.O.U. No 620
Local Palm Springs Calif. Colo des.
Inc'b Fresh.
Collby Aldin O Miller
Nest in mesquite tree well concealed
Rem small nest resembled knot great many nesting. male seemed to be the one always at home, nest taken.

N Phainopepla
Date March 28, 1921
Set M. 7
G.O.U. No. 620
Local Palm Springs Calif. Colorado Desert
Inc'b Fresh
Collby Aldin O Miller
Nest in mesquite in mistletoe clump
Rem. rather large nest for species. Birds evidently deserted when nest was discovered.

N. Phainopepla Nitens
Date May 9, 1921
Set. M. 3 of 3 marked 3 of $\frac{1}{3}$
G.O.U. No. 620
Local. Ave 61 and Hayes Los Angeles Calif.
Inc'b just started
Collby Aldin O Miller
Nest in pepper tree well camouflaged
Rem. until bird began sitting nest small male and female inc'b trading off nest in good shape of no $\frac{60}{2}$ but eggs diff.

Order Passeres

Shrikes Family Laniidae

No. California Shrike
Date May 24, 1919
Set No. 56 ine
C.O.U. No. 622 b
Local. Nigger Slough
Incb. Fresh
Collby. Aldrich
Nest in willow over marsh well
Rem. lined down and cotton
set not finished

No. Calif. Shrike 1.00
Date March 19, 1920
Set No. 67/5
C.O.U. No. 622 B
Local 333 West ave 51, Los Angeles Calif
Incb. Heavy
Collby Aldrich
Nest. large built of string cottonwoods
Rem. well lined stick platform
in acacia tree in park very 20 feet
Nest taken bird attached flew neither set.

No. Calif. Shrike
Date July 1, 1920
Set No. 11/6
C.O.U. No. 622 b
Local. Windsor Square L.A. Calif
Incb. ½ half inch
Collby Ralph Waterhouse
Nest in Rusty Acacia tree
Rem. five set up.

N. Calif. Shrike
Date May 4, 1921 1,00
Set M. 7 of 5
G.O.U. No. 622b
Local. Arroyo Seco Tolpas, Los Co. Calif.
Inc. fresh
Collby Aldrich & Mills
Nest in oak very well
Rem lined as usual 15 ft. up
bird very exited

N. White-rumped Shrike 50
Date May 29, 1921
Set M. 3 of 4
G.O.U. No. 622a
Local. Lancaster Mohave Desert Calif.
Inc. advanced
Collby Aldrich & Mills
Nest in tree Yucca well lined
Rem. bulky, birds very wild 7 ft up
as those 220 of Palm Springs
bird did not come around and fight
in tree Yucca bush
N. White Rumped Shrike
Date Mar 26 1923
Set M. 7 of 7 well marked set
G.O.U. No. 622a
Local Palm Springs Riverside Calif.
Inc. slight
Collby. Aldrich & Smith
Nest mesquite almost entirely of
Rem spiny weed twigs. Placed in a
mesquite tree in a clump of blooming
cistus. Very tame bird shot.

Order Passeres

Vireos Family ~~Fa~~ Vireonidae

n Western warbling Vireo

Date June 17, 1920 1,20

Set M 97/3

Collr Yosemite Village Yosem Nat Pk Calif.

Local 6270

Incb. Very Heavy

Coll by Allen & Mulliken

Nest in aspen, 3 up beautiful aspen

Rem. and hanging nest with wasp nests (old) on outside lined with young grass stems. Nicely felted over chalet

n Cassin Vireo

Date June 22 1920

Set M. 99/1 five

Colln 6296

Local Yosemite Village Yosemite Nat Pk Calif.

Incb Stale

Coll by Allen & Mulliken

Nest Old egg. Not in cedar

Rem. left in aspen hanging a Western warbling Vireo 97/3

1 egg on June 3
another 1 found

N. Least Vireo & Cowbird
Date May 19. 1923
Set. M 19 3/5
A.O.U. No. 633a
Local El Monte. Calif.
Inc. fresh
Collby Alden H. Miller
Nest in alder tree sapling in dense willows. Nest pendant made of grasses. leaves fibres, no spider egg cases. Nest 2½ ft up. Male sang by nest.

N. Least Vireo + C. Cowbird
Date June 10, 1927
Set. M 52 3/4
A.O.U. No. 633a nest collected
Local. L. A. River near Burbank Calif.
Inc. commenced
Collby. Alden H. Miller
Nest Pendant, in bush (willow)
Rem. at the edge of timbered area about 2½ ft up. Low willow on small limb in the middle of the bush. Nest made of bark fibres, spider webs, etc. Cowbird hatched first and ejected other eggs

Order Passeres

Warblers Family Mniotiltidae

N. Calif. Yellow Warbler
Date June 24, 1921
Set. M. 48 4/4
A.O.U. No 652 Calif.
Local. Yosemite Village Calif.
Inch. Slight
Coll. by Alden H. Miller
Nest in willow clump in crotch
Rem. upright 4½ ft up compact
lined with fibre and down.

N. Calif. Yellow Warbler
Date July 8 1921
Set. M. 59 4/4
A.O.U. No Yosemite Village Calif.
Local. 652 Calif.
Incb. state
Coll. by Alden H. Miller
Nest in brake ferns small crotch
Rem. 1½ ft up small nest made
of down and fibres. 2 young flown.

N. Tolmie Warbler
Date June 24, 1920
Set. M. 100/4
Local Yosemite Village Yosemite Nat'l Pk Calif.
Incb Commenced
A.O.U. No 680
Coll. by Alden H. Miller & H. M. T.
Nest well made cup-shaped made of
Rem. willow down fibre, ft up
willow sprung, shade & insect
Nest material

N. Tolmie Warbler
Date June 27, 1921
Set. M. 51 1/3
A.O.U. No 680
Local. Yosemite Valley near Camp Curry
Incb. fresh
Coll. by Alden H. Miller per L.M. Sloy
Nest In small bush made
Rem. of pine needles lined with
grass hair resembled drift
rubbish nest tilted 1½ ft up
This seems to be a common location
in pine site often in soft conifers, cedars

N. Tolmie Warbler
Date June 29/1921
Set. M. 52 1/2 broken in lowering 3
Local. Yosemite Village Cal
A.O.U. No 680
Incb. heavy
Coll. by Alden H. Miller per L.M. Sloy
Rem. nest 1 ft up in soft cedar
Nest constructed as of Tolmie
other nests found similarly located.

N. Cante Thrasher
Date Mar. 25 1923
Set. N. 5/3/3 711
Collo
Loca. Palm Springs, Riverside Co. Cal.
Sub. Commenced (not varying)
Col. by Helen Miller
Nest 5 in a cactus
Run 2 ft up side frame
ing and petted with a
cow cowry plant in
near vicinity of nest, there
is a fine bit. Cactus
in Palm Canon with
other cacti and yucca
near by. found about
large without a nest.
bird sat close, cats not
have might tweet your
cactus. Left the variety
when flushed. Number a bird
of a heavy, mottled breast
Chas. Sy.

N. Lint Thrasher
Date Mar 20 1923
setN. 6 3/3
Sp No 711
Loc. S. in spring Cordwood Canyon
Incs. commenced laying
Cold by clear of Mar
Nest in Opuntia cactus in
Kern. Palm Canyon wash.
Nest taken. Bird flushed
at a distance of 30 ft.
Nest in thick clump well
protected. Nest same as
set 5 1/3 and all others.

Order Passeres.

Mocking bird, Thrashers, Wrens Family Troglodytidae

N Western Mockingbird

Date May 12 1919 45

Set. M. 49/3

G.O.U. No. 7[illegible] 703a

Local. Hayes Ave. Los Angeles Calif.

Incb. Commenced

Coll. by N. Alden & Milly

Nest in oak tree 8 ft up built

Rem. of sticks and twigs lines with fine material.

N Western Mockingbird

Date Apr. 19, 1921 45

Set. M. 11/3

G.O.U. No. 703a

Local. West Cape Rock

Incb. Fresh

Coll. by Alden & Milly

Nest in beach tree 7 ft up

Rem. very easily flushed

Mimic. bird setting

N Leconte Thrasher 6.50

Date Apr. 2, 1920

Set. M. 4/3

G.O.U. No 711

Local. Palm Springs Calif Colorado

Incb. Fresh

Coll. by. Alden & Milly

Nest in Choya cact. very large

Rem well built Prickly pears with some soft down very deep

2½ ft up. Apparently second set all bird

N. Crissal Thrasher
Date March 28, 1921
Set M 6 1/3
G.O.U. No. 712
Local. Palm Springs Calif. Colo Desert Camp Pelo
Incb. Fresh
Collby Alden H. Miller
Nest In mesquite (cut back) in
Rem. between limbs of new
growth 4½ ft up made of mesquit
thorns. Poorly lined. Bird collected.

N ~~Northern~~ ~~Bryant's~~ Cactus Wren
Date March 31, 1920
Set M. 4/5
Local Palm Springs Colo desert Calif
G.O.U. No. 713
Incb. Fresh
Coll by Alden H. Miller
Nest in tall choya cactus very
Rem. bulky made of sticks
in center of bush 6 ft up covered
over-whole ~~nest~~ in side well lined.

N. Western Mockingbird
Date Apr. 23, 1921
Set M 13 1/4
Local. Colo. Blvd. Los Angeles Calif.
G.O.U. No. 403a
Incb fresh
Coll. by Alden H. Miller
Nest in apricot tree fairly
Rem. well hidden
6 ft up.

Order Passeres

Family Troglodytidae

Family, Troglodytidae

N. San Diego Wren
Date Apr 7. 1923
Set No. 10 3/5
Oologist No. 719 d
Local. Los Angeles River near Burbank Calif.
Zneb fresh
Collr Alden Willey
Nest in 4 ft stub 1½" hole at top
Rem. (old woodpkr) nest with few sticks made of hair fur and feathers one piece of snake or lizard skin. Could see eggs without breaking in. Bird came and sat on nest remaining when we arrived at the stub. Both birds but silent until stub was disturbed. Male carrying food to the female. Nest taken

N. San Diego Wren
Date Apr 7 1923
Set No. 11 3/6
Oologist No. 719 d
Local Los Angeles River, near Los Feliz L.A. Calif
Zneb fresh
Collr Alden Willey
Nest in 8 ft stub nest 6 ft up
Rem. 6 in diam nest of hair fur feathers of chickens and titmall or willow woodpkr piece of snake skin, few sticks. Nest stub taken. Birds close by.

Order Passeres

Wrens Family Troglodytidae

N ~~Northern~~ Cactus Wren
Date Feb. 16, 1921
Set M. 9/4
A.O.U. No. 713
Local San Fernando Valley (Roscoe) L.A. Calif.
Incb. Advanced
Collby Allan Miller
Nest In cholla cactus usual
Rem well lined bird very shy.

N. ~~Northern~~ Cactus Wren
Date 3/30/20
Set M. 10/4
A.O.U. No. 713
Local. Palm Springs Calif.
Incb Fresh
Collty L. Hoffman
Nest Globular - twigs set in tall
Rem. choya cactus 5½' from ground

N. Western House Wren
Date 5/17/22
Set M. 32/6
A.O.U. No. 720a
Local Ojai Valley Ventura Co Calif.
Incb. Slight
Collby Allan Miller
Nest behind segment of dead wood
Rem. in a heating gear on a sycamore 75 ft up. Small cavity. lined with feathers hair and a lizard skin. Cavity filled with sticks
(OVER)

W.
N House Wren
Date Apr 20 1920 | 05
Set.M. 18/7
A.O.U.No. 725 a
Local. 6066 Hayes ave, Los Angeles Calif.
Incb. Fresh
Coll.by Alden Milly
Nest in bird house made of hollow
Rem. log small hole one end other end
~~boarded~~ boarded over cavity filled
with sticks. small pocket in
cavity lined with down etc
N. Tule Wren
Date May 3.1919 30
Set M. 4/3 (max.)
A.O.U.No 725 a
Local Nigger Slough, Los Angeles Calif.
Incb. Fresh
Coll.by Alden Milly
Nest in tules made of tules lined
Rem with tule seed down
closed over small hole on side
sides apparently built false nest implacement
N. Tule Wren 30
Date May 18, 1921
Set M. 2/3
Local. Anaheim Landing Orange co Calif.
A.O.U.No 725 a
Incb fresh
Coll.by Alden Milly
Nest made of tules in tules well
Rem. lined many dummy nests.

Order Passeres

Wrens Family Troglodytidae

N. Tule Wren
Date May 18 1921
Set M. 29 1/3
A.O.U. No. 725a
Local. Anokin Landing [redacted] Co. Calif.
Inc. fresh
Coll by Alden H. Miller
Nest in tules as usual near nest
Rem. of no 28 1/3

N. Tule Wren
Date May 21/21
Set M. 3 1/4
A.O.U. No. 725a
Local. Nigger Slough L.A. Co Calif.
Inc. commenced.
Coll by Alden H. Miller
Nest in tules many chambers
Rem. nest made canonal 4 ft up.

N. Tule Wren
Date 5/3/19
Set M. 2 2/4
A.O.U. No 725a
Local. Nigger Slough. L.A. Co. Calif
Inc. incubated
Coll by L. E. Hoffman
Nest In tules (in water) made of dry
Rem. tules, some feathers, drumming posts.

N Tule Wren
Date June 17, 1929
Set. M. 39/2/5
A.O.U. No. 725.a
Local Nigger Slough, L.A. Co. Calif.
Inc. advanced
Coll by Alden Miller
Nest In tules made of same
Rem. very poor comparatively
4 ft up globular 4"-5" in diameter

Name Suisun Marsh Wren
Date July 22, 1922
Set. M. 10/2/3
A.O.U. No 725 Suisuna
Local. Buena Vista Lake Kern Co Calif.
Inc. fresh (complete)
Coll by Alden Miller
Nest of tule shreds, nettled fibre
Rem and bark, fur feathers
3½' up in flags at tule colony
Name Suisun Marsh Wren
Date June 10, 1925
Set. M. 48/3/6
A.O.U. No 725 suisuna
Local. Buena Vista Lake Kern Co Calif.
Inc. fresh
Coll by Alden H. Miller
Nest Typical tule wren nest in flags at flag strip many wrens throughout the flag belt.

Order Passeres

Creepers Family Certhiidae
Tl Sierra Creeper
Date June 17, 1920.
Setn ~~#~~ 98
GOU.no 726 d 25.00
Local. Yosemite Village Yosem Nat. Pk. Calif.
Incb Advanced
Coll by Allen & Milby ~~RLM SP~~
Nest. in cottonwood tree meadow
Rem. (4000 ft elev.) in pocket of bark 15 ft up.
very long and narrow chest of
fibre of tree 1 inch wide 4 inch long eggs
arranged in 2s bird would unwind
crevice and stay within 1 ft of hand
or could be touched on nest. Made
very little noise when disturbed.

Nuthatches Family Paridae

N. Sitta pygmea leucomucha

Date May 24 1922

Set M. 43/2/4

A.O.U. No. 730 a

Local. Mt. Pinos Kern Co. Tejon Mts Calif.

Incb. 5 fresh 2 very slight

Collby. Alden H Miller

Nest Nest on northeast side of Mt.

Rem. in dead fir stub 25' ~~up~~ nest 14' up in small hole about 6 in deep 2"x3" at bottom entrance 3/4" x 1/2" shaped - O. Well lined with fur feathers and bark fiber. All cracks and part of the entrance were filled with feathers and other nesting material (possible to insulate cavity & preventing drafts and other circulation of air.

N Sitta pygmea leucomucha

Date May 29, 1922

Set M. 44/3/8

A.O.U. No. 730 a

Local. Mt Pinos Kern Co Calif.

Incb commenced

Collby. Alden H Miller

Nest In dead pine stub 7' ft tall

Rem. nest 3' up in hole running back not downward nest well lined crack well plugged some from the outside and above, as in set 43/2/4 bird did not flush until the bark was pulled away from the entrance crack, Nesting material →

taken, includes blue jay quail pigeon and thereon feathers etc.
N. Sitta pygmea leucomucha
Date May 30 1922
Set. M. 48 f 2/7
A.O.U. No. 730 a
Local. Mt Pinos, Kern Co. Calif.
Incb. fresh
Nest In dead pine stub alt 7,500
Rem. small hole and cavity well lined and cracks plugged nest very similar 43 f 2/7, 3 ft up.

N. Pallid Wrentit
Date Apr 28, 1923
Set M 13 f 3/4
A.O.U. No. 742 a
Local. El Monte, L.A. Co. Calif.
Incb. advanced
Coll by Alden H Miller
Nest in brush of a fallen
Rem. alder tree 2 ft up.
made of plant fiber, bound with fine bark shreds lined with hair and grass
lines some cottonwood down.
Nest very compact 5" high 2" diam inside 2" cup. Bird sat within 2 ft. on nest and both birds came up 2 ft later. made. [illegible]

Order Passeres

Bush-tits — Family Paridae

N. Bailey Mountain Chickadee
Date May 30, 1922
Set M. 4 2/5
A.O.U. No. 738 a
Local. Mt. Pinos Kern Co. Calif.
Incub fresh
Collby. Alden H. Miller
Nest In dead fir stub 3 ft up
Rem. in pocket behind the bark
cavity lined with squirrel fur.
Alt. 7800, on bare ridge at north of Mt.

N. Calif. Bush tit
Date May 4, 1919
Set M. 18 2/6 — 11
A.O.U. No 743 a
Local. Arroyo Seco near L. A. Calif.
Incub. slight.
Collby L. E. Hoffman
Nest in live oak 9 ft from ground
Eggs covered with down lined with feathers (8 in long)

N Calif. Bush tit.
Date May 18, 1919
Set M. 5 3/4
A.O.U. No 743 a
Local. Hermon hills Los Angeles Calif
Incub slight
Rem. full set.
Nest as usual cup in live oak
Collby. L. E. Hoffman for Alden H. Miller

11 Coast Brush tit.
Date May 31, 1920
Set M 9/7
A.O.U. No 743 Q
Local. San Gabriel river bottom Lynwood L.A. Co Calif
Incb. advanced
Collby Aldus D. Miller
Nest in willow made like moss
Rem. hanging nest of down plant fibres small sticks etc hanging small hole at top as usually most nest found in oaks egg covered with dust but in this case egg clean nest collected

11 Verdin
Date March 26, 1921
Set M. 2/3
A.O.U. No. 746
Local. Palm Springs Calif. Co. Desert Camp Paulden
Incb. Heavy
Coll. by Aldus D. Miller
nest in mesquite rounded over
Rem. in ball shape outside catsclaw, inside quail feathers outside dimensions 5"x6" 3 ft up in old mistletoe clump. Hole on underside running up in. Bird very quiet. Came within 4 ft.

11 Verdin
Date March 27, 1921
Set M 4/4
A.O.U. No. 746
Local Palm Springs Calif Colorado Desert
Incb. Fresh Collby Aldus D. Miller
Rem. Nest no 25 10 ft up hard to get.

mesquite tree

Paridae
N. Verdin
Date Apr. 9. 1922
Set M $22\frac{3}{4}$
A.O.U. No. 7746
Local. Palm Springs Colo. Desert Calif.
Incb. 1 fresh egg in various stages of incb.
Collector Alden H. Miller
Nest as usual see set $4\frac{1}{4}$, $2\frac{1}{3}$
Rem. placed in green mesquite tree, $4\frac{1}{2}'$ up.

3.00

Order Passeres

Gnatcatchers Family Sylviidae

N Western Gnatcatcher
Date May 18, 1919
Set M. 5 2 inc.
A.O.U. No. 751a
Local. Bognet Cañon, Tule Mine S.R. Co. Calif.
Incb. Fresh
Coll. by Alden H. Miller
Nest in sage brush chamise 3 ft
Rem covered with lichens on outside resembled trunk.

N Western Gnatcatcher
Date June 20, 1920
Set M. 14 1/4 marked 14 1/4 2 4A
A.O.U. No 751a
Local. Boy Scout Week End Camp L.A. Calif.
Incb. advanced
Coll. by Alden H. Miller per L.C.H.
Nest on Sycamore limb very well
Rem. concealed made to look like bark outside covered with lichens - Nest Collected.

N Plumbeous Gnatcatcher
Date March 26, 1921
Set M. 3 1/4
A.O.U. No. 752
Local. Palm Spring Calif. Colorado Desert
Incb. Fresh
Coll. by Alden H. Miller
Nest. In Catclaw made of bark
Rem. shrub of mesquite almost exclusively including lining 2 3/4 well protected by bark. Nest Collected

Order Passeres

Family Turdidae

N.

N. Sierra Hermit Thrush
Date July 8, 1921 Y. 50
Set. M. 56 1/3 759 E
C.O.U. No. Hylocichla guttata sequoiensis
Local. Yosemite Village Calif.
Inch. flush +
Collby Allen & Miller Dr. DOM & DM
Nest in syringa bush 3½ ft up shade
Rem. of twigs sticks and string
rootlets, bark, moss lined
cup rather small, nest slightly
canted bird stacked snapping
beak but no note given
general situation in shady
side of canon tall trees azalia
bushes quite dark
Photographed by A. J. Van Rossem
for DR. Dicky.

N. Western Robin
Date July 10 1921
Set M. 5 8/1 inc. 3 other young
Coll. no 1761a
Loc. Yosemite Valley Cal.
Incb. state
Collby Alden H. Miller
Nest in old apple tree
Rem. 3 ft up nest as usual some
stick show at first but kicked out
as young, your old bird very tame 2 ft.

Order Passeres

Family Turdidae

N. Western Robin
Date June 17, 1921
Set. M. 44 1/3
A.O.U. No. 761 a
Local. Yosemite Village Calif. Y.N.P.
Inch just commenced
Coll. by Alden H. Miller per A.M. Y.
Nest in small willow tree on
Rem. bank of Merced R. 12 ft up
lined with straw made of
mud a sticks 6 inches across

N. Western Robin
Date June 20, 1921
Set. M. 46 1/4
A.O.U. No. 761 a
Local. Yosemite Village Calif. Y.N.P.
Inch. fresh
Coll by. Alden H. Miller per A.M. Y.
Nest in willow (small) 3 ft up
Rem over bank of water lining
straw, made of mud sticks.

N Robin
Date June 1st 1920
Set M. 13/1 inc
A.O.U. No 761.
Local. Storm Lake Iowa
Inch Fresh
Coll by Ralph Gutehouse
Nest On beam of Veranda
Rem.

To

7 Western Bluebird
Date. May 30 1921
Set M 39½ In
A.O.U. No. 762
Local. Mint Canon L.A. Co. Calif.
Inc. fresh (inc)
Coll by Alden H. Milly
Nest in willow old woodpkr hole
Rem. hole lined feathers grass
incomplete set could not leave
because had to tear open nest to see

11 Western Bluebird
Date May 30 1922
Set M. 50 ft
A.O.U. No 767
Local Mt. Pinos Kern Co. Calif.
Inc. fresh
Coll by Alden H. Milly
Nest In old Wdpkr hole 12 ft up
Rem ——— in dead pine
hole partly cut open cavity 15" deep
Nest made of grass

page6

Plans of Museum.

Plan of Sec. 1
" " " . 2
" " Shelf 1, ALL IN ONE

" " Sec. 1
" " Shelf.2

over

C C

Birds seen in 1970

1 set ~~Western Meadowlark~~
2 set ~~Brush Tit~~
1 set Rhaine pelo
1 set Black Tanager
1 set Verdin
1 set Cactus Wren
1 set Road Runner
1 set ~~Lesser Thrasher~~
1 set ~~Sand Dune~~
1 set ~~Anthony Towhee~~
1 set ~~Vigors Wren~~
2 sets Hooded Oriole
1 set High Pyrolover
1 set Red Shafted Flicker
1 set Lawrence's Goldfinch
1 set Wood Pewee
1 set Black Headed Grosbeak
1 set Hooded Blackbird
1 set Arg. H. Oriole

E. W. HOLMES, RIVERSIDE
JOHN SHAVER, SAN JACINTO
KARL S. CARLTON, RIVERSIDE, CHAIRMAN

J. A. CRANE, ELSINORE
J. T. HAMNER, CORONA

OFFICE OF

Board of Supervisors

RIVERSIDE COUNTY.

A.B.PILCH, CLERK. OF THE BOARD.

Riverside, Cal.,

1.-60.1
2.-74 Red Lum
3.-127 310.1
4.-231 366
5.-273 385
6.-294a 751a
7.-316L (769)
8.-378E
9.-413
10.-423c
11.-458
12.-481
13.-495a
14.-498e
15.-508
16.-519
17.-530a
18.-531
19.-581m
20.-588a
21.-591.1a
22.-596
23.-620
24.-622b
25.-703a
26.-725a
27.-743

outside

3 Rattlesnake Skins Sec.1 Shelf 3.
Nests, see page 4 " " " ".
3 feathers, golden Eagle right wing
Sec. 1 Outside.

2 Mole skins Sec.1 Shelf 2.

Inventory.

Fosel Sandd ll or.	Sec. 1	Shelf.	2
" 1 Leaf.	" "	"	"
" Elephant Tusk, Piece.	" "	"	"
Asbestos, just out of ground	" "	"	"
Conch shell	" "	"	"
Rattlesnake rattles	" "	"	"
Very Large White oak acorn	" "	"	"
Flicker feather	" "	"	"
Cow Tooth, Molar	" "	"	"
3 eastern Nuts.	" "	"	"
Spool of silk wound from silk worm cacoon	" "	"	"
2 silk worm cacoons//sientific	" "	"	"
Cacoon /see Yellow Moth, notebook	" "	"	"
Tiger & wolf teeth/boes	" "	"	"
Skunk bones	" "	"	"
2 Butterflies, false bodies.	" "	"	"
Wild Turkey Claw	" "	"	"
2 birds Brestbones	" "	"	"
Lower Jaw of bird use as pinchers	" "	"	"
Box 2 Old English Money	" "	"	"
" 3 Chinese Money	" "	"	"
Rocks found with re d Depositsinthem	" "	"	"
15 red			
2 Yellow			
6 White			
1 black			
Pink Quartz. /MoonsStone	" "	"	"
Gipsum. 2pieces	" "	"	"

Box 4 minerals see Inside for names outside /feathers

Three Turkey Buzzard	Sec. 1	Shelf	3.
	" "	"	"

INVENTORY OF

MILLERS MUSUEM.

15	3Lucky Bean Shell	Sec.1	/Shelf 1		
	Eggs. see page 8,	"	"	"	"
	Piece of Yuca stem	"	"	"	"
	Large NavyTop Shell	"	"	"	"
	Name Plat. (ALDEN)	"	"	"	"
25	4 seaurchins	Shells	Sec.2	Shelf	1,
25	7 Tiger	"	"	"	"
15	16 Coffee Bean	"	"	"	"
25	3 False Teeth	"	"	"	"
15	8 Abolones,	"	"	"	"
15	8 Appleseeds	"	"	"	"
25	1 Basket	"	"	"	"
35	8 Grainsof-wheat	"	"	"	"
35	- Dove	"	"	"	"
25-34	Navy-Top	"	"	"	"
	Small Spounge .	Sec.2	Shelf. 1		
	Chesnut Burr ,	"	"	"	"
	2 Sea Urchins Bones.	"	"	"	"
	3 Sharks EggS	"	"	"	"
	1 Mounted Crab.	"	"	"	"
	Sea Moss.	"	"	"	"
	Vertbra Of Tiger	"	"	"	"
35	2 Crab Claws.	"	"	"	"
2-35	5 " Backs.	"	"	"	"
	2 Desert YucaPods	"	"	"	"
	Insects Box 1. See Page 10.			//shelf1	
45	Small pearl out of eating Oyster.			Sec2	
45	~~Rabbit tail~~	"	"	"	"
45	Hawian SeeD	"	"	"	"
	Baldpate, Wings, head, tailfeathers.				
			Sec1.	Shelf 2.	

Sets of Eggs Taken in 1919.

~~1 set of Western Gnatcatchers EGGS.~~
1 " " Song Sparrows Eggs.
2 " " Blackchined Hummingbirds, Eggs
1 " " ~~Mourning Doves Eggs~~.

1 set Greenback
Goldfinch and cowbird

2 2 set Mourning Doves
1 1 " Phainopepla
2 1

Nest

1 Burrowing Owl
1 " " "
1 Barn Owl
1 Red-shouldered Hawk
1 Sparrow Hawk
1 Mourning Dove

1 Nuttall's Poor-will
1918 Bird
2 Blackchinned Hummingbird

1919
1st Black Rhea
" Blue Jay
" Lawrence's Goldfinch
" Lining
2
2
1st
" Burrowing Owl
" Bald Eagle
" Western Meadowlark
" Lark Bunting
" Golden
" Shrike
" Buff

[illegible]

[illegible]

[illegible]

Names &no.

Continued from page 10.

No.10	Two	spot	Lady	Bug/	L.A.
".11	"	"	"	" /	". ".
".12	"	"	"	" /	". ".
".13	"	"	"	" /	". ".
".9	*	*	"	"/	". ".
".14	Scarlet		"	" /	". ".
".15		"	"	" /"	". ".

LISTS. & Names And No.

continuine from page 9.

48.
50.
51.
52.
53.
54.
55.
56.
57.
58.
59.
60.
61.
62.
63.
64.
65.
66.

---

insects and No,,Box 1
Millers Muesuem

No.1 Possum Bug /Indio Calif./ C.E.Cooks.
".2 white " / " " ./ ". ". " .
".3 Possom " / " " ./ ". ". " .
".4 Bug. / " " ./ ". ". " .
".5 Traded with Mr.Law./Wasp/L.A.
".6 White Wigless-Wasp/Taken San Diego.
".7 " " " / " " " .
".8 Same as no.4 ecept smaller.// Mr.Law.
"52 Tiger Beetle/San Diego./Traded With "
".8 Stick bug/Salinas Cal./ " " ".

Lists

continued from page. 8.

---

15. Willow Goldfinch.
16. Bush-Tit.
17. Hooded Oriole.
18. House Wren.
19. Brewer Blackbirds.
20. Western Tanager.
21. Black Pheobe.
22. Farrolone Commarant
23. Great Blue Heron.
24. Green Heron.
25. Cinnaman Teal.
26. Least Bittern.
27. Tule Wren .
28. Mud Hen.
29. Red-Wing-Blackbird.
30. Common Tern.
31. Red-Backed Sandpiper.
32. Western " .
33. Northen Phalorope.
34. Yellow-Headed-Blackbird.
35. Turtle Dove.
36. Wren Tit.
37.
38.
39.
40.
41.
42.
43.
44.
45.
46.
47.
48.

Names And No. Lists.

Nests and No.

No.1-Blackchined Hummingbirds Nests.
" .2- " " " .
" .3- " " " .
" .4- " " .
" .5-Song Sparrows " .
" .6-Orioles " .
" .7-Willows Woodpeckers " .
" .8-Linnets " .
" .9- " " .
" .10Thrashers " .
" .11Towees " .

Lists

Birds seen in May & June by A.H.Miller.

1. Calif.Towee.
2. " .Quail.
3. " .Thrasher.
4. " .Jay
5. Blackheaded Grossbeak.
6. Song Sparrow.
7. Yellow Warbler.
8. Blachined Hummingbirds.
9. House Finch .
10. Spured Towee.
11. Plain Titmouse .
12. Phanopepla.
13. Mockingbirds.
14. WIllow Woodpecker.

[illegible]

Turtle Dove
Turtle Dove
Turtle Dove
Blackheaded Gull
Screaming Owl
Pallid Swift
Western Wheatear
Red Shafted Flicker
Bullock Oriole
Great Tit
Bush Tit
Long Tailed
Bar Tailed
Shrike

Egg List

No. 3/34 Calif . Brown pelican

" . 28 Ring Pheasant
" . 29 " "
" . 30 Light-Footed Rail
" 31 Road Runner
" 32 Barred Owl
" 33 Barn Owl
" 34 Linnet
" 35/1 "
" 35/2 Lawrence's Finch
" 36/1 " "
" 36/2 Lincoln " "
" 37/1 " "
" 37/2 " "
" 38/1 Calif Towee
" 38/2 " "
" 39/1 Tilden
" 39/2 Red Wing Blackbird
" 40/1 Calif Towee
" 40/2 Red Wing Blackbird
" 41/1
" 41/2
H

Names and No. Lists.

Egg And No.

No. 1-Blackchined Rummingbirds Egg.
" . 2- " " " .
" . 3/ " " " .
" . 3- " " " .
" . 4/ " " " .
B . 4- " " " .
" . 7-Western Gnatcatchers " .
" . 8- " " " .
" . 9-Song Sparrows " .
" . 10 " " " .
" . 12Yellow Warblers " .
" . 13Meadow Larks (CRACKED . " .
" . 14Butcherbirds " .
" . 15Towees " .
" . 16Grosbeaks " .
" . 17Mockingbirds " .
" . 18 " " .
" . 19Guineas " .
" . 20Mud Hens " .
" . 21Turtle Doves Broken " .

BROKEN BROKEN BROKEN BROKEN

" . 96/3 Calif. Brown Pelican.
" . 96/3 " . " " .
" . 96/37 " . " " .
" . 34/3 " . " " .
" . 34/3 " . " 21 " .

1921

21 American Pawn
March 21, 1921

Granted to Hoffman

Chiffoney - Issuance of Permit
June 30, 1920 Section 119
Sitem 2/0
1/1

Location Proposed R Near Yosemitey
Alley

Inspection
Rear Yard in clump of willows
cupped Insert to hair
Alleyway Yard Stall on
Next

Chiffoney - Issuance of Permit
July 14, 1920 Section 119
2
2

Work Commenced
Rear Next in block on 6 lines
Alley hair Small next shed
Footgrown

Inures

1. Johnie Warbler
Date June 24, 1928
Set 100/4
Local Near Village Permit Acres
River (north side)
Land commenced
Rem. Nest on Long Spanow
uptrap made to resemble
dirt material for floods
in willow clump (stump)

2. Trail Flycatcher
Date June 27 1920
Set 12/H
Local Immediate Neighborhood
Willow
Land Height
Rem. Nest in willow clump near
River off upper side of road
by Willow Warbler and
Long Spanow

98

38

N. Yellow vireo Permit
Date June 17, 1920 Yos NB
Set No. 97
3
Local. Yosemite Valley near Village
Incb. very heavy
Rem. Nest in a willow 3½ ft up
beautifully built hanging nest
with strips of bark (?) on
outside. Eggs white with brown
and lilac blotches

39

N. Warbling vireo Permit
Date June 18, 1920 Yos NB
Set No. 98
Local. In cottonwood grove near
Yosemite village
Incb. Incubated
Rem. Nest in pocket of bark
very long and heavy

40

N. Cassin's vireo Permit
Date June 21, 1920 Yos NB
Set No. 99
Local. At camp near Yosemite
Village
Incb. Slight
Remarks Nest of the young
nest in cedar 12 ft from ground
and hanging

Name Oriole
Set M. 94/3 305a
Date June 10, 1920
Locality 56 and ash streets
Incb. fresh
Remarks: nest in elm
10 ft up 3 ft from trunk
in clump of leaves hanging.

23.

N. Arkansas Kingbird See Yos Notes B
Date June 13, 1920
Set M 95/4
Local. Fairy Saturday Road just out
Inc. completed
Rem Nest in small shelf tree
5½ ft off, very well
hidden [illegible] small
tree

27 P. Spotted Sandpiper Pocatello
D. June 16 1920 See Yos B
Set. 96/4
Local. Yosemite Village on sandbar
Inc. fresh
Rem Nest in clump of grass in edge of
[illegible] 3/

396

10

743

500

221

36a

Summer
Barn Swallow
Red-breasted
Nuthatch
Swallow
Rainwater

$\frac{3}{3}$ 612

413

$\frac{4}{}$

Name [illegible]

$\frac{5}{2}$ (more) 570

Red finish

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

48/8 Yellow Quail
Lophortyx californica
May 10 1919
Wolfe Hoffman
Near Pasadena

49/3 Western Meadowlark
C. H. Miller
May 12 1919
Sycamore Canyon, Near Highland Park

50/1 Red-shafted Flicker
C. H. Miller
May 18 1919
Big Tujunga Canyon, Bequest Canyon, Near Sunland
H. W. F.

---

45 Morning Dove
[illegible] Neighborhood
May 3, 1919
Fresh Gift from
[illegible] large and life [illegible]

---

46 [illegible]
[illegible] May 4, 1919
[illegible] Kingfisher
[illegible]

---

47 [illegible] should be one
[illegible]
( )
[illegible]

[illegible] should be one

---

48 Bluebird Pair
[illegible]
[illegible]
Jun 28 1919
[illegible]

Page 5

2

43 48

set 1/2

Blue Jay
Apr 1, 1919 (open Pan)
incomplete set
at Miller

---

no 38

California Tower
Apr 20 1919
Blue Lacing
(open) 2 ½ by 2 ½ mag
tube
at Miller

Wilder Tower
Apr 23 1919 Stuff
with bands
1 — f complete

set. 32/1.

(see 17 for date)

[illegible] Cargo Owl
given: by L. T. Miller
Oct. 22. 1909
[illegible]
Riverside Calif.

---

set 33/1

ACR Spore
Taken: L. T. Miller
Oct. 12 1909.
4 egg in nest 2 taken
one given to L. Lefman

---

set [illegible] 2/3 =

35/2 Spent to [illegible]
Taken for [illegible]
by [illegible]
[illegible] two equal
[illegible] incubators

36/2 Laurence [illegible]
[illegible]
[illegible]

Egg Notes

set 28 - 29
Ring Pheasant
2 given light Cranberry
Egg laid in
captivity

set 30 Sooty Egg
Light Colored Pair
Nest simple on ground
taken by J. Cranbert

Calif Brown Pelican
Pasemilery v. E. Palang
Dec. Nov 1, 1904
Coronado Is
given light Cranberry
set 3 36 37
3 3

set 31.

Prairie Horned
Lark! by Louis Hoffman
Mar 23 1899
La County near Vernon

CATALOG

1 = $\frac{1}{1}$ Black chined Humming bird
2 $\frac{2}{1}$ " " "
3) = $\frac{3}{2}$ " " "
4) = $\frac{4}{2}$ " " "
14 Butterbird
15 Towhee
17 Western Mockingbird
19 Guinea Hen
20 Coot
22 ~~34~~ $\frac{34}{3}$
23 ~~34~~ Calif. Brown Pelican
24 ~~34~~ $\frac{34}{3}$
25 ~~34~~ " " "
26 $\frac{37}{3}$ " " "
28
29 $\frac{70}{3}$ " " "
30 $\frac{72}{3}$ " " "
$\frac{96}{3}$ " " "

28 Ring Pheasants
29 " "
30 Light Footed Rail

28-29
Ring Pheasant
Taken: in captivity
Eggs: 22 Given Chambers
by/
Singel Eggs

---

30 Single egg
Lightfooted Rail
Taken : Anihiem landing
By : Chambers

Calif. Brown Pelican

34/3 Taken: by Ox.C. Polling
Date : May 6,1904
: Coranado Is.

Calif. Brown Pelican.

96/3 SAme as above

---

27 Road Runner
Taken by Louis Koffman
Mar 23 1919
Los Angeles county, California

Long Eared Owl
Nest Egg

[illegible]
[illegible]
[illegible]

in oak tree is [illegible]
Female: one egg [illegible]
smaller
and [illegible]
[illegible]

5

N. Calif. [illegible]
[illegible] 591.1a
Date [illegible] 25 II 1970
Locality [illegible]
[illegible]

6

[illegible] 6/2
[illegible]

House

121

Name Brown Blackwell

570

before we found

Date

Facility!

Name: [illegible] Creek Cut 375e
Sex M. [illegible] C. Aldrich Miller
Date Apr. 10, 1920
Locality Cut 60. [illegible]
Remarks [illegible] west in
[illegible] Lenore

Name [illegible] Blackfeet 576
Sex M. 76 C. Aldrich Miller
Date Apr 12 1920
Locality: [illegible]
Remarks [illegible]
Scientific name

Name [illegible] Jay 577
Sex M. 77
Date April 6 1920
Locality near [illegible]
east [illegible]
Remarks [illegible]
[illegible]

C. A. Aldrich Miller

Name: Linnet
Lt Mark: 42 519
Date: 4-10-20
Locality: Palm Ch.
Incb: fair slight footprint
Remarks: In Chaparral
good nest to the left.

Name: Road Runner 385
Lt Mark: 43
Date: 4-1-20
Locality: Palm Ch.
Incb: well defined
Remarks: in Chaparral
2 2 dwg eggs
good footprint.

Name: Mockingbird 711
Lt Mark: 44
Date: 4-2-20
Locality: Palm Canyon Road
Incb: fair
Remarks: nest in Chaparral
2 eggs

JUST A REMINDER

Companion subscribers are now receiving the new 1922 Calendar (similar to this one for 1921) as their renewal payments reach us; also many of them are ordering an additional subscription for a Christmas gift to a friend.

FOR YOUR CONVENIENCE IN RENEWING, you may sign and return this coupon to us with $2.50 — Money Order, Bank Draft, or Registered Letter.

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